

## Introduction



### GET.64 Interconnection System

The GET.64 Interconnection System is used worldwide in various applications for automotive interconnections. It fulfills requirements for passenger and engine compartment.

High packaging density is possible for sealed applications due to mat seal capability.

### Technical Features

- Product offering includes wire-to-wire, wire-to-board and wire-to-device configurations
- High range of pin count variants
- Tangle free contact offered as tin, silver and gold plating
- Female terminal accepts blades from 0.64 x 0.64 mm up to 1.2 x 0.64 mm
- Sealed and unsealed connector housings available (straight mate or lever actuated)
- Mat seals allow high packaging density
- Design allows for specific pinout versions, no blind plugs necessary in sealed applications

**SUPERSEDED**  
**NOT the LATEST**  
**REVISION**

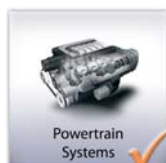
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Engineering Notes

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## Introduction



### Features

- CPA capability
  - Assures connector mating
- USCAR & SDS compatibility
  - Standard interface for multiple applications
- 2.54 mm x 2.54 mm spacing
  - Typically smaller than competition
- 8 keying options
  - Maximum design flexibility
- Tang-free contact
  - Easier harness handling/production
- Good Stress Relaxation performance (70 % remaining after 3000 hr @ 150 °C)
  - Used in USCAR Class III range (–40 °C to +125 °C)

- 0.22 to 0.75 mm<sup>2</sup> wire range
  - Two terminal sizes cover 3–8 amp requirements (20 °C T-rise)
- 10 mating cycles (tin, silver or gold)
  - Robust receptacle to handle multiple mates
- Accepts up to 1.0 mm wide blade
  - Large interface flexibility and robustness
- Same shorting bar design for sealed, unsealed, gold and tin systems
  - Economical shorting bar solution

### Applications

- Airbag Restraint Modules
- Power Control Modules
- Generic Control Modules
- Unsealed Harness Wiring
  - Inline Connections
  - Instrument Panel
  - Audio
  - Mirror
  - Switches
  - Actuators
  - Overhead Consoles
- Sealed Harness Wiring
  - Mass Air Flow
  - Passenger Sensing

### Product Offering

- Tin, Silver and Gold Platings
- Wire-to-Wire
- Wire-to-PC Board
- Wire-to-Device
- Unsealed and Sealed
- Hand Mate and Lever Actuated

### Receptacle Contacts

#### Technical Features

##### Insertion Force:

- Tin Terminals: <4.0 N
- Silver Terminals: <3.5 N
- Gold Terminals: <2.0 N

##### Terminal Retention Force:

- >30 N (Preliminary)
- >75 N (Permanent)

##### Temperature Classification (according to USCAR):

- Tin Terminals Class II:  
–40 °C to +120 °C max.  
up to +125 °C max.
- Silver and Gold Terminals Class III:  
–40 °C to +145 °C max.

##### Vibration (per USCAR):

- Unsealed Applications:  
Body and Instrument Panel Profile
- Sealed Applications:  
Engine Compartment Profile

##### Dielectric Strength:

1,000 V AC min.

##### Voltage Drop (Initial Interface):

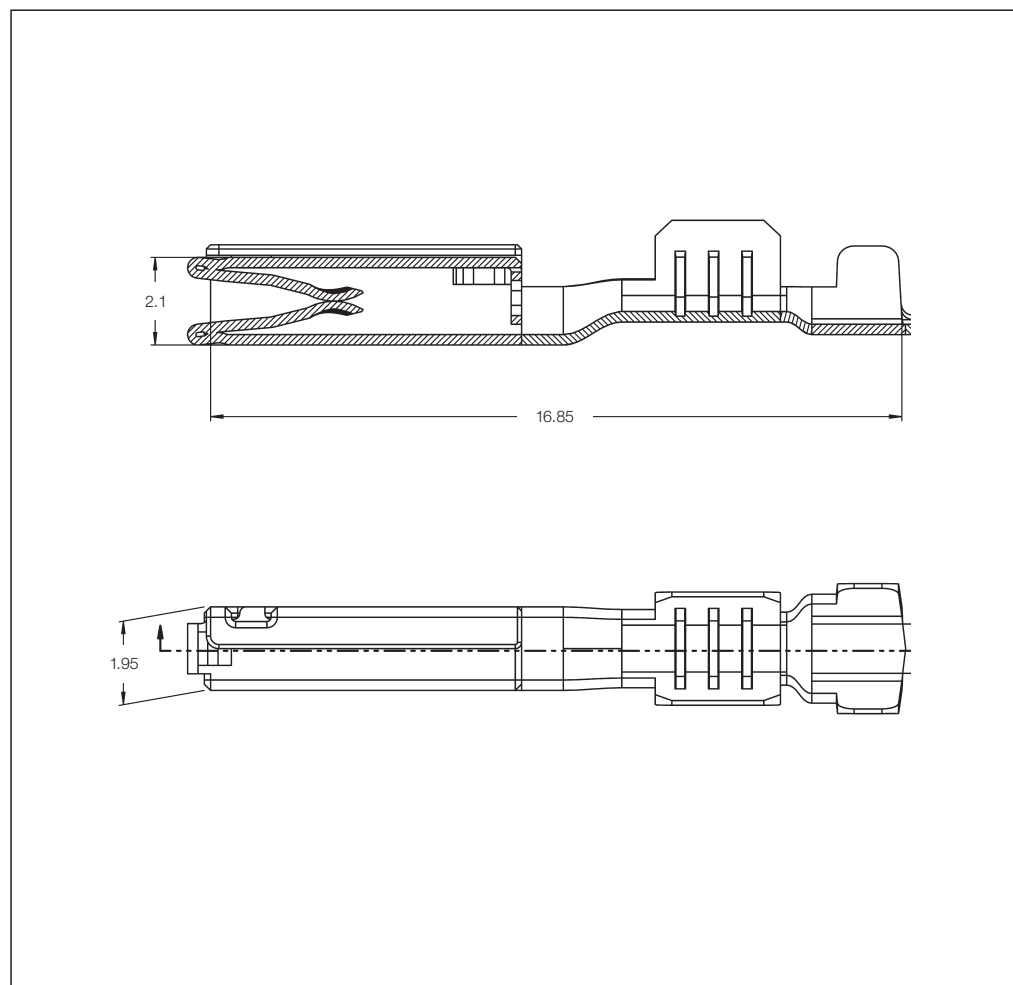
1.0 mV/A max.

##### Isolation Resistance:

20 MW @ 500 DC 500 V min.

##### Extraction Tool:

Part No. **3-1579007-6**



#### Receptacle Contacts

| Wire Size Range<br>(mm <sup>2</sup> ) | Insulation<br>Diameter<br>(mm) | Material<br>and Finish | Part Numbers  |                   |                 |                   |             |             |
|---------------------------------------|--------------------------------|------------------------|---------------|-------------------|-----------------|-------------------|-------------|-------------|
|                                       |                                |                        | Strip<br>Form | Packaging<br>Unit | Loose-<br>Piece | Packaging<br>Unit | Applicator  | Hand Tool   |
| 0.22–0.35                             | 1.10–1.65                      | Gold plated            | 1393364-1     | 10,000            |                 |                   |             |             |
|                                       |                                | Gold shunted           | 1393364-2     | 10,000            | –               | –                 | x-1528005-x | 6-1393462-4 |
|                                       |                                | Tin plated             | 1393367-1     | 10,000            |                 |                   |             |             |
|                                       |                                | Silver plated          | 1393367-2     | 10,000            |                 |                   |             |             |
| 0.50–0.75                             | 1.40–2.06                      | Gold plated            | 1393365-1     | 10,000            |                 |                   |             |             |
|                                       |                                | Gold shunted           | 1393365-2     | 10,000            | –               | –                 | x-1528268-x | 6-1393462-5 |
|                                       |                                | Tin plated             | 1393366-1     | 10,000            |                 |                   |             |             |
|                                       |                                | Silver plated          | 1393366-2     | 10,000            |                 |                   |             |             |

**Note:** All Part Numbers are RoHS and ELV compliant.

### Pin Contacts

#### Technical Features

##### Pin Bend Strength:

>6 N  
(Held at box, force applied at tip)

##### Terminal Retention Force:

>30 N (Preliminary)  
>75 N (Permanent)

##### Temperature Classification (according to USCAR)

- Tin Terminals Class II:  
–40 °C to +120 °C max.  
up to +125 °C max.
- Gold Terminals Class III:  
–40 °C to +145 °C max.

##### Vibration (per USCAR)

Unsealed Applications:  
Body and Instrument Panel Profile

##### Dielectric Strength:

1,000 V AC min.

##### Voltage Drop (Initial Interface):

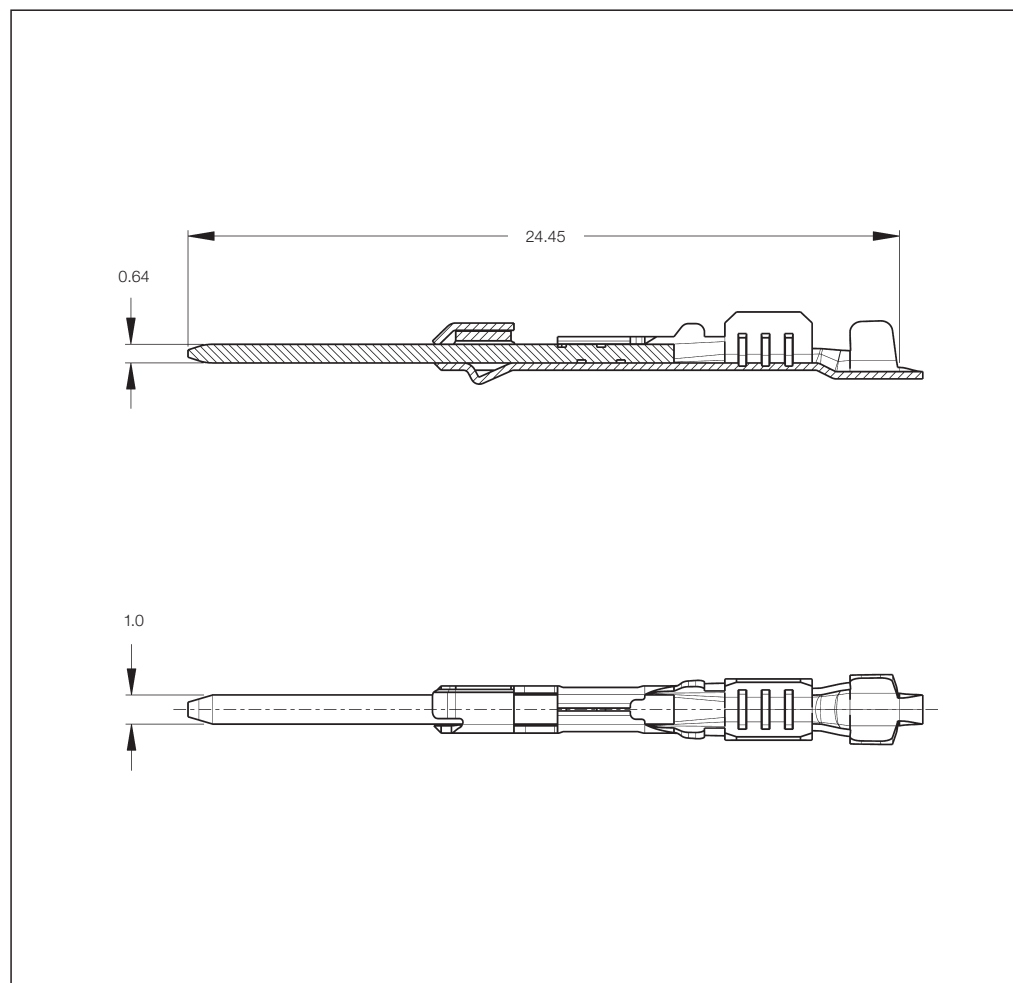
1.0 mV/A max.

##### Isolation Resistance:

20 MW @ 500 DC 500 V min.

##### Extraction Tool:

Part No. **3-1579007-6**



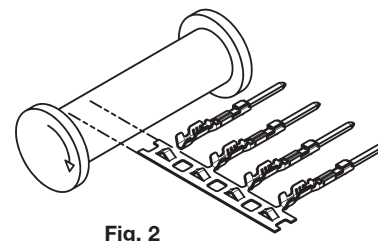
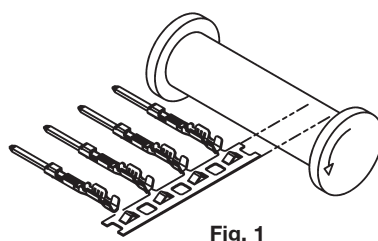
#### Pin Contacts

| Wire Size Range<br>(mm <sup>2</sup> ) | Insulation<br>Diameter<br>(mm) | Material<br>and Finish | Part Numbers             |                   |                 |                   |             |             |
|---------------------------------------|--------------------------------|------------------------|--------------------------|-------------------|-----------------|-------------------|-------------|-------------|
|                                       |                                |                        | Strip<br>Form            | Packaging<br>Unit | Loose-<br>Piece | Packaging<br>Unit | Applicator  | Hand Tool   |
| 0.22–0.35                             | 1.10–1.65                      | Gold plated            | 3-1419158-1 <sup>①</sup> | 10,000            | –               | –                 | N/A         | 6-1393462-4 |
|                                       |                                | Tin plated             | 1-1419158-6 <sup>①</sup> | 10,000            | –               | –                 |             |             |
|                                       |                                | Gold plated            | 1438299-1 <sup>②</sup>   | 10,000            | –               | –                 | x-1528005-x |             |
|                                       |                                | Tin plated             | 1438299-2 <sup>②</sup>   | 10,000            | –               | –                 |             |             |
| 0.50–0.75                             | 1.40–2.06                      | Gold plated            | 2-1419158-3 <sup>①</sup> | 10,000            | –               | –                 | N/A         | 6-1393462-5 |
|                                       |                                | Tin plated             | 2-1419158-5 <sup>①</sup> | 10,000            | –               | –                 |             |             |
|                                       |                                | Gold plated            | 1438299-3 <sup>②</sup>   | 10,000            | –               | –                 | x-1528268-x |             |
|                                       |                                | Tin plated             | 1438299-4 <sup>②</sup>   | 10,000            | –               | –                 |             |             |

**Note:** All Part Numbers are RoHS and ELV compliant.

① Standard Reeling Direction  
(Fig. 1)

② Optional Reeling Direction  
(Fig. 2)



### Receptacle Contacts

#### Technical Features

##### Insertion Force:

- Tin Terminals: <4.0 N

##### Terminal Retention Force:

- >30 N (Preliminary)
- >75 N (Permanent)

##### Temperature Classification (according to USCAR):

- Tin Terminals Class II:  
–40 °C to +120 °C max.  
up to +125 °C max.

##### Vibration (per USCAR):

- Unsealed Applications:  
Body and Instrument Panel  
Profile
- Sealed Applications:  
Engine Compartment Profile

##### Dielectric Strength:

1,000 V AC min.

##### Voltage Drop (Initial Interface):

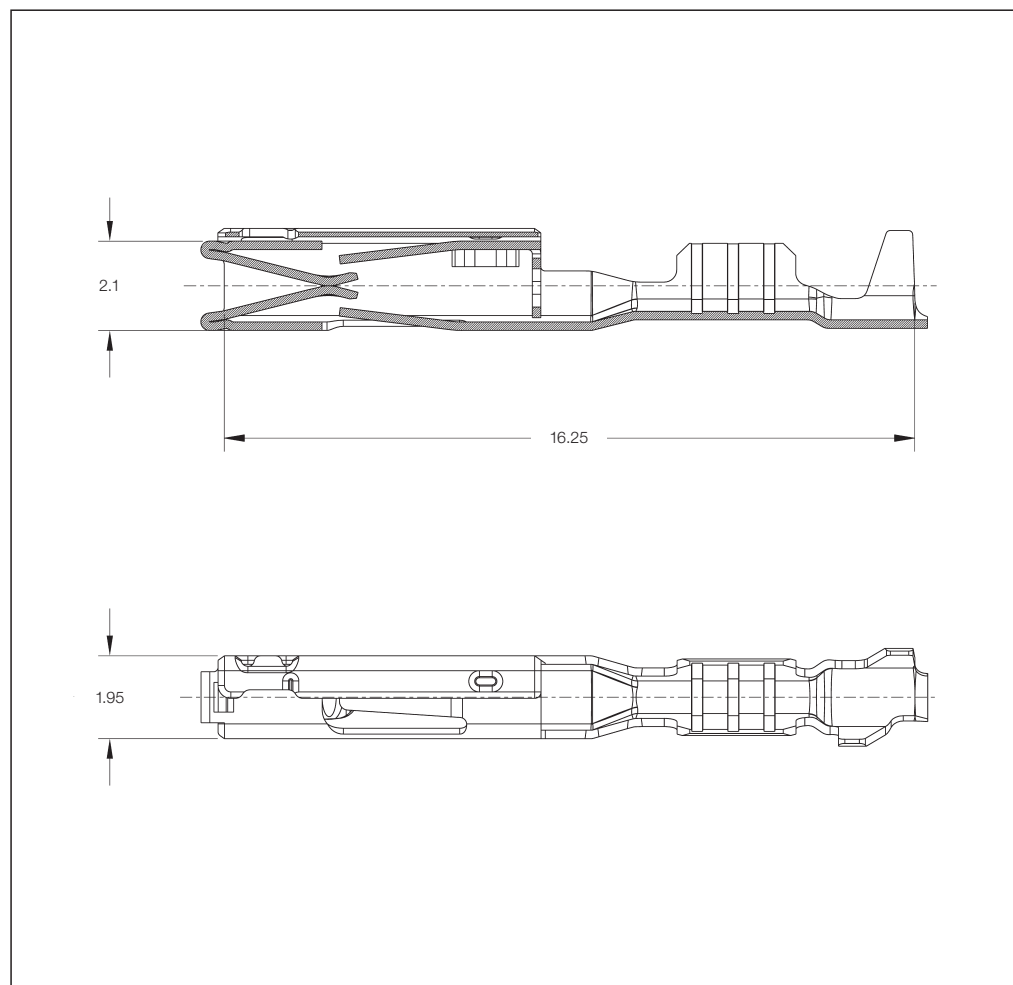
1.0 mV/A max.

##### Isolation Resistance:

20 MW @ 500 DC 500 V min.

##### Extraction Tool:

Part No. **3-1579007-6**



#### Receptacle Contacts

| Wire Size Range<br>(mm <sup>2</sup> ) | Insulation<br>Diameter<br>(mm) | Material<br>and Finish | Part Numbers  |                   |                 |                   |  | Applicator | Hand Tool |
|---------------------------------------|--------------------------------|------------------------|---------------|-------------------|-----------------|-------------------|--|------------|-----------|
|                                       |                                |                        | Strip<br>Form | Packaging<br>Unit | Loose-<br>Piece | Packaging<br>Unit |  |            |           |
| 0.13                                  | 0.80–1.05                      | Tin plated             | 1564880-1     | 10,000            |                 |                   |  | 1157164-6  |           |
| 0.22–0.35                             | 1.10–1.65                      | Tin plated             | 1719957-1     | 10,000            | –               | –                 |  | 1528698-6  | –         |
| 0.50–0.75                             | 1.40–2.06                      | Tin plated             | 1719958-1     | 10,000            | –               | –                 |  | 1528699-6  |           |

**Note:** All Part Numbers are RoHS and ELV compliant.

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### Features

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- USCAR & SDS compatibility
  - Standard interface for multiple applications
- 2.54 mm x 2.54 mm spacing
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- 8 keying options
  - Maximum design flexibility
- Tang-free contact
  - Easier harness handling/production
- Good Stress Relaxation performance (70 % remaining after 3000 hr @ 150 °C)
  - Used in USCAR Class III range (–40 °C to +125 °C)

- 0.22 to 0.75 mm<sup>2</sup> wire range
  - Two terminal sizes cover 3–8 amp requirements (20 °C T-rise)
- 10 mating cycles (tin, silver or gold)
  - Robust receptacle to handle multiple mates
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  - Mass Air Flow
  - Passenger Sensing

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- Wire-to-Device
- Unsealed and Sealed
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### Unsealed Receptacle Housings 1-Row

#### Technical Features

##### No. of Positions:

2 (1 x 2) Positions Assy

##### Housing Material:

PA66 GF35

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

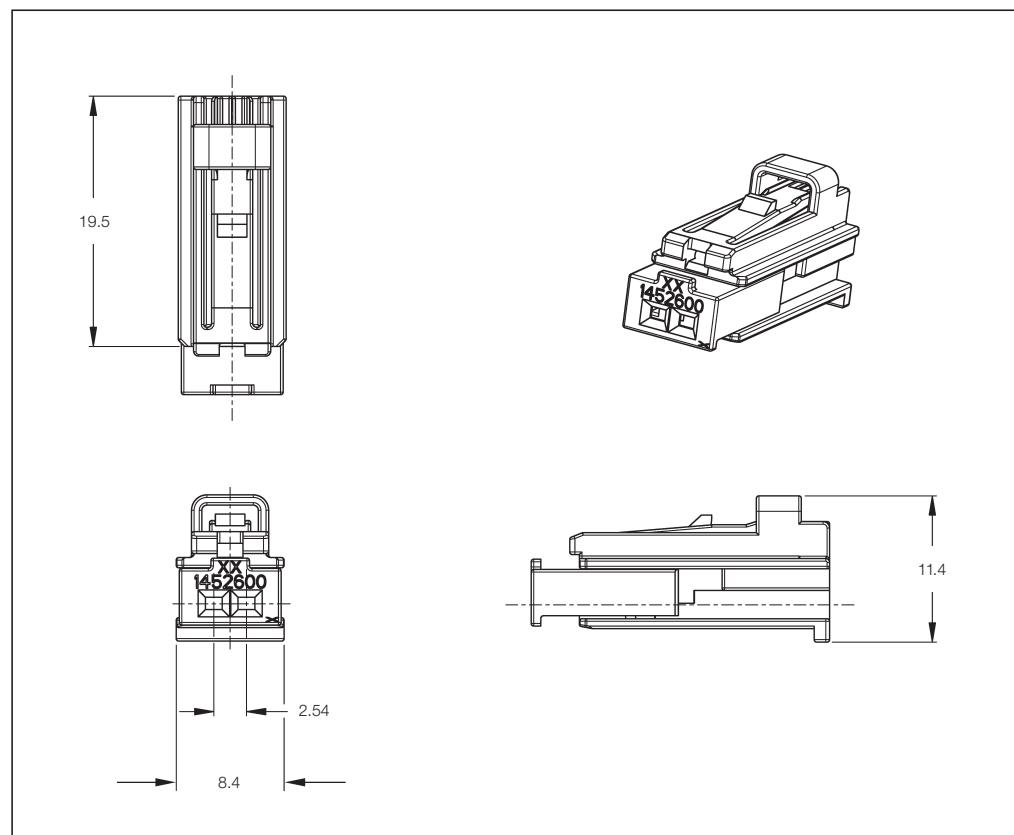
##### Product Specification:

114-13060

##### Application Specifications:

408-8955

408-8600



### Unsealed Receptacle Housings 1-Row

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 2 (1 x 2)        | A              | Black         | 1452598-1          | –     | –              | –               | 1452601-1          | 1452625-1                     | 1452623-1                  |

### Unsealed Receptacle Housings 1-Row

#### Technical Features

##### No. of Positions:

4 (1 x 4) Positions Assy

##### Housing Material:

PA66 GF35

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

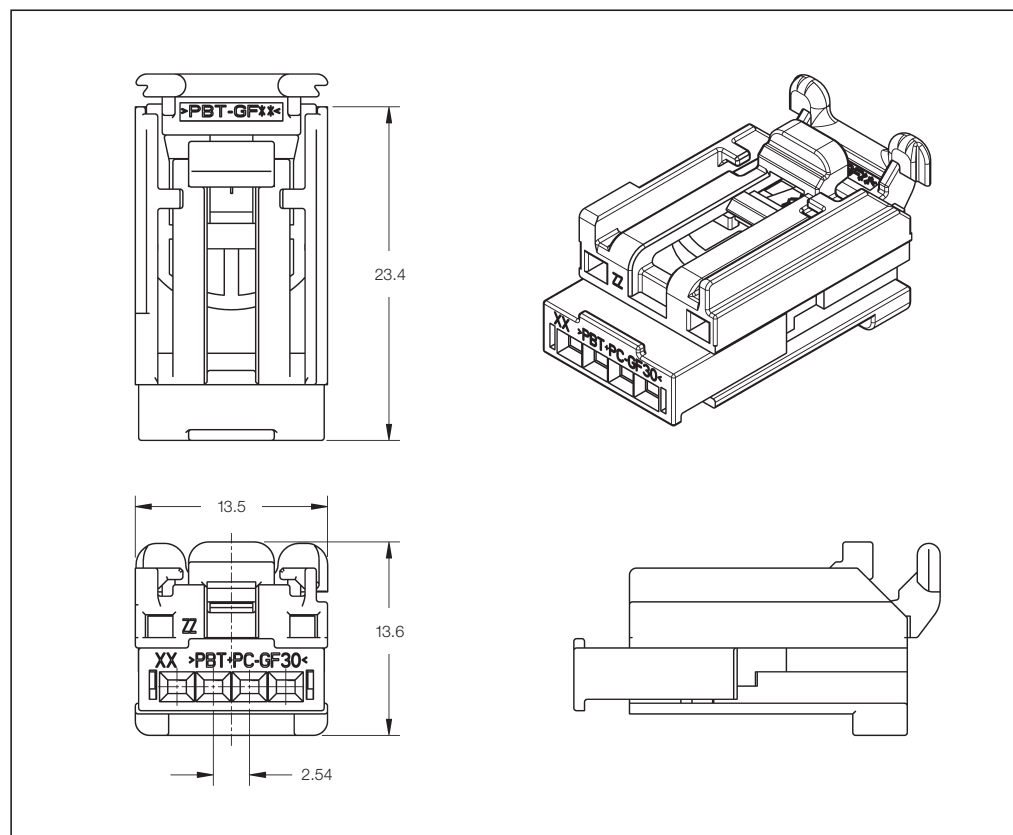
##### Product Specification:

114-13060

##### Application Specifications:

408-8955

408-8600



#### Unsealed Receptacle Housings 1-Row with CPA

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 4 (1 x 4)        | A              | Black         | 6-1419169-8        | –     | –              | –               | 6-1419166-1        | –                             | –                          |
|                  | B              | Black         | 6-1419169-9        | –     | –              | –               | 6-1419166-2        | –                             | –                          |
|                  | C              | Black         | 6-1419169-2        | –     | –              | –               | 9-1419157-4        | –                             | –                          |
|                  | D              | Black         | 6-1419169-3        | –     | –              | –               | 5-1419166-6        | –                             | –                          |

#### Unsealed Receptacle Housings 1-Row without CPA

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 4 (1 x 4)        | A              | Black         | 3-1419158-2        | –     | –              | –               | 6-1419166-1        | –                             | –                          |
|                  | B              | Black         | 5-1419169-2        | –     | –              | –               | 6-1419166-2        | –                             | –                          |
|                  | C              | Black         | 4-1419169-6        | –     | –              | –               | 9-1419157-4        | –                             | –                          |
|                  | D              | Black         | 4-1419169-7        | –     | –              | –               | 5-1419166-6        | –                             | –                          |

### Unsealed Low Profile Latch 1-Row

#### Technical Features

##### No. of Positions:

4 (1 x 4) Positions Assy

##### Housing Material:

PA66 GF35

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

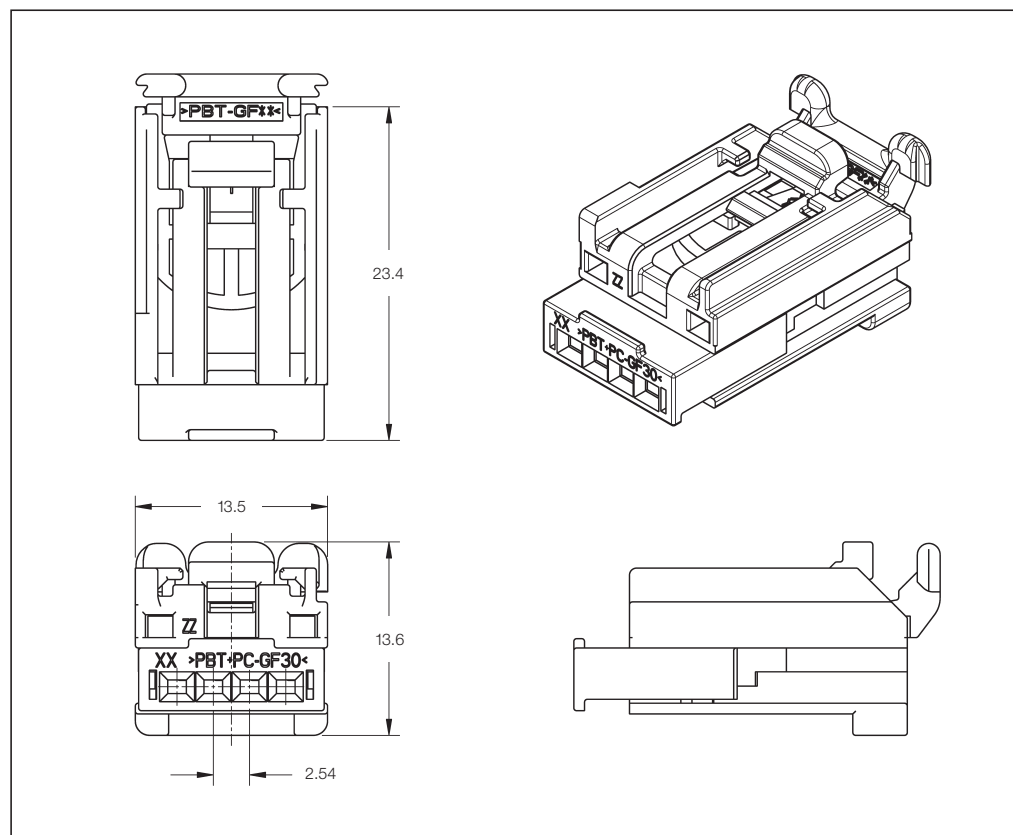
##### Product Specification:

114-13060

##### Application Specifications:

408-8955

408-8600



### Unsealed Low Profile Latch 1-Row with CPA

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 4 (1 x 4)        | A              | Black         | 1456983-2          | –     | –              | –               | 6-1419166-1        | –                             | –                          |
|                  | B              | Black         | 1456983-4          | –     | –              | –               | 6-1419166-2        | –                             | –                          |
|                  | C              | Black         | 1456983-6          | –     | –              | –               | 9-1419157-4        | –                             | –                          |
|                  | D              | Black         | 1456983-8          | –     | –              | –               | 5-1419166-6        | –                             | –                          |

### Unsealed Low Profile Latch 1-Row without CPA

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 4 (1 x 4)        | A              | Black         | 1456983-1          | –     | –              | –               | 6-1419166-1        | –                             | –                          |
|                  | B              | Black         | 1456983-3          | –     | –              | –               | 6-1419166-2        | –                             | –                          |
|                  | C              | Black         | 1456983-5          | –     | –              | –               | 9-1419157-4        | –                             | –                          |
|                  | D              | Black         | 1456983-7          | –     | –              | –               | 5-1419166-6        | –                             | –                          |

### Unsealed Receptacle Housings 1-Row

#### Technical Features

##### No. of Positions:

4 (1 x 4) Positions Assy  
Side Latch

##### Housing Material:

PA66 GF35

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

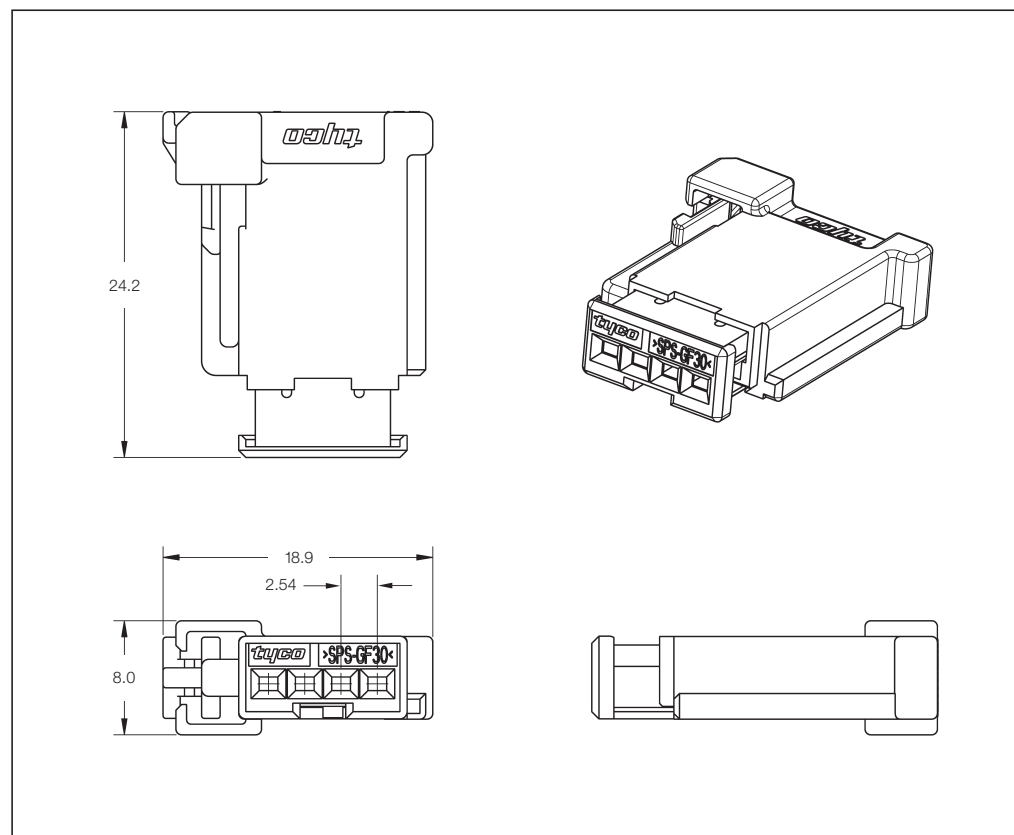
##### Product Specification:

114-13060

##### Application Specifications:

408-8955

408-8600



### Unsealed Receptacle Housings 1-Row

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 4 (1 x 4)        | A              | Black         | 1438122-1          | –     | –              | –               | 6-1419166-1        | –                             | –                          |

### Unsealed Receptacle Housings 1-Row

#### Technical Features

##### No. of Positions:

6 (1 x 6) Positions Assy

##### Housing Material:

PA66 GF35

##### Wire Size Range:

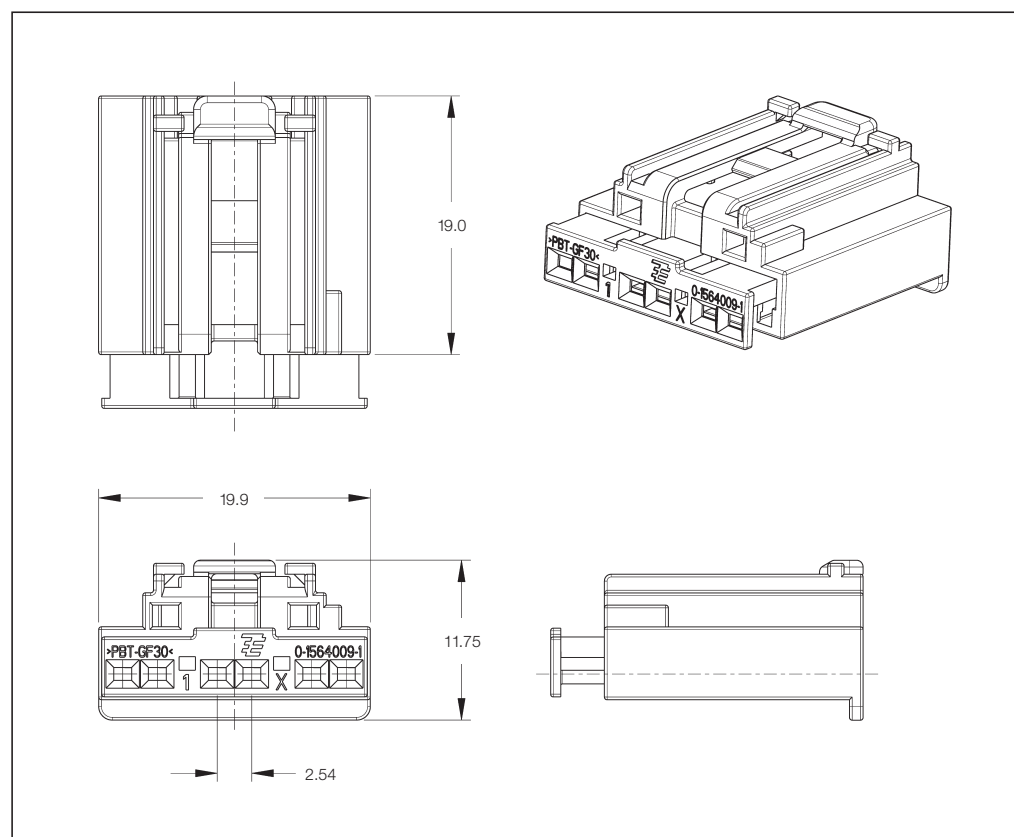
0.22–0.75 mm<sup>2</sup>

##### Product Specification:

114-13060

##### Application Specification:

—



### Unsealed Receptacle Housings 1-Row without CPA

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 6 (1 x 6)        | —              | Yellow        | 1564003-1          | —     | —              | —               | 1564004-1          | —                             | —                          |

### Unsealed Receptacle Housings 1-Row

#### Technical Features

##### No. of Positions:

6 (1 x 6) Positions Assy

##### Housing Material:

PA66 GF35

##### Wire Size Range:

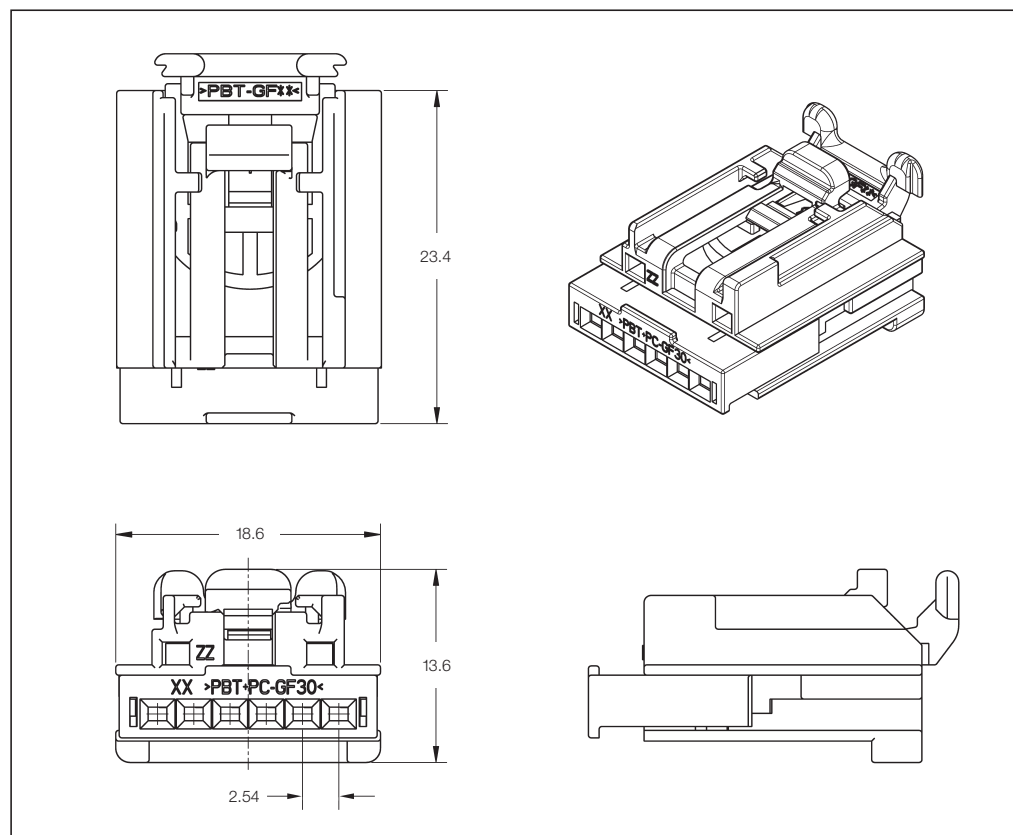
0.22–0.75 mm<sup>2</sup>

##### Product Specification:

114-13060

##### Application Specification:

408-8955



#### Unsealed Receptacle Housings 1-Row with CPA

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 6 (1 x 6)        | B              | Black         | 9-1419169-0        |       |                |                 |                    |                               |                            |
|                  | C              | Black         | 8-1419169-3        | –     | –              | –               | –                  | –                             | –                          |
|                  | D              | Black         | 8-1419169-4        |       |                |                 |                    |                               |                            |

#### Unsealed Receptacle Housings 1-Row without CPA

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 6 (1 x 6)        | B              | Black         | 1419158-4          |       |                |                 |                    |                               |                            |
|                  | C              | Black         | 1419158-1          |       |                |                 |                    |                               |                            |
|                  | D              | Black         | 1419158-2          | –     | –              | –               | –                  | –                             | –                          |
|                  | E              | Black         | 7-1419169-0        |       |                |                 |                    |                               |                            |
|                  | F              | Black         | 7-1419169-1        |       |                |                 |                    |                               |                            |

### Unsealed Low Profile Latch 1-Row

#### Technical Features

##### No. of Positions:

6 (1 x 6) Positions Assy

##### Housing Material:

PA66 GF35

##### Wire Size Range:

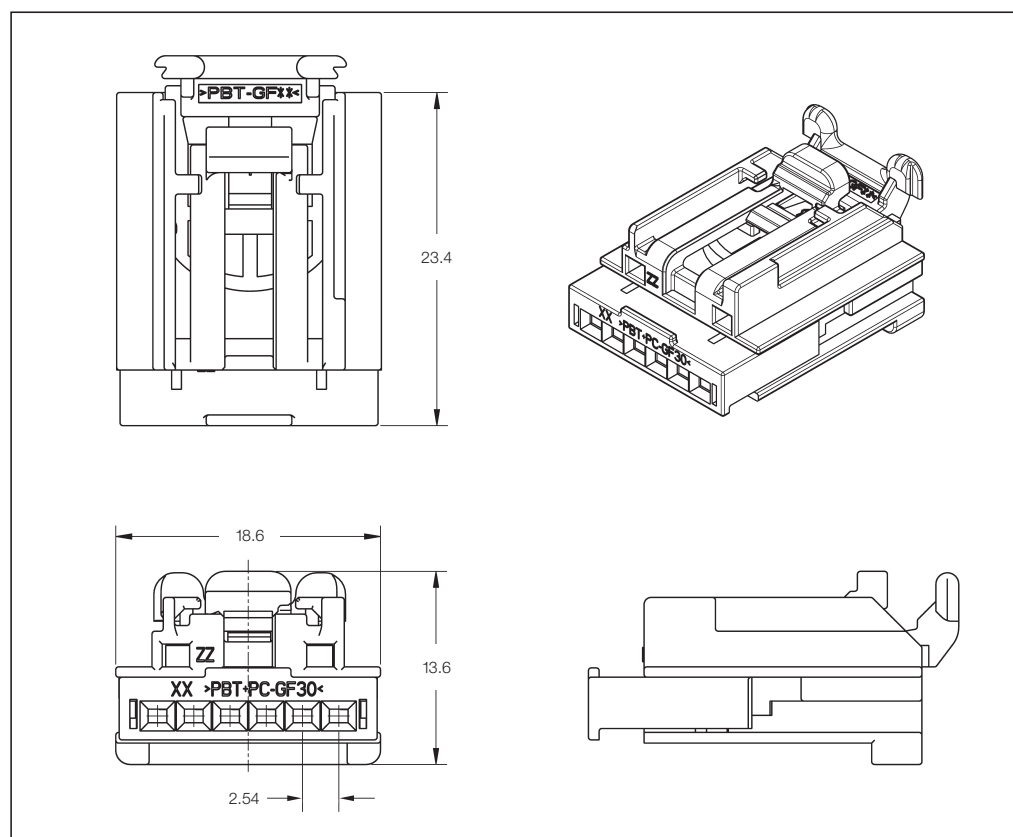
0.22–0.75 mm<sup>2</sup>

##### Product Specification:

114-13060

##### Application Specification:

408-8955



#### Unsealed Low Profile Latch 1-Row with CPA

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 6 (1 x 6)        | B              | Black         | 1456985-2          |       |                |                 |                    |                               |                            |
|                  | C              | Black         | 1456985-4          |       |                |                 |                    |                               |                            |
|                  | D              | Black         | 1456985-6          | –     | –              | –               | –                  | –                             | –                          |
|                  | E              | Black         | 1456985-8          |       |                |                 |                    |                               |                            |
|                  | F              | Black         | 1-1456985-0        |       |                |                 |                    |                               |                            |

#### Unsealed Low Profile Latch 1-Row without CPA

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 6 (1 x 6)        | B              | Black         | 1456985-1          |       |                |                 |                    |                               |                            |
|                  | C              | Black         | 1456985-3          |       |                |                 |                    |                               |                            |
|                  | D              | Black         | 1456985-5          | –     | –              | –               | –                  | –                             | –                          |
|                  | E              | Black         | 1456985-7          |       |                |                 |                    |                               |                            |
|                  | F              | Black         | 1456985-9          |       |                |                 |                    |                               |                            |

### Unsealed Receptacle Housings 1-Row

#### Technical Features

##### No. of Positions:

6 (1 x 6) Positions Assy  
Side Latch

##### Housing Material:

PA66 GF35

##### Wire Size Range:

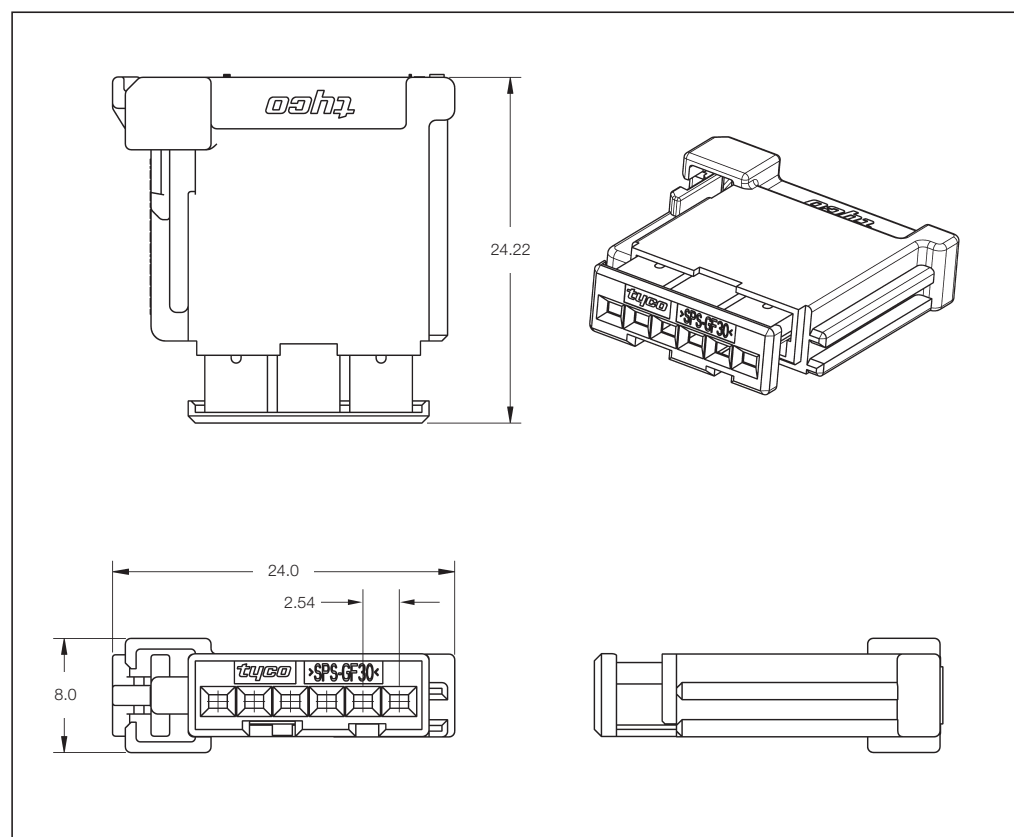
0.22–0.75 mm<sup>2</sup>

##### Product Specification:

114-13060

##### Application Specification:

408-8955



### Unsealed Receptacle Housings 1-Row

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 6 (1 x 6)        | B              | Black         | 1438156-2          | –     | –              | –               | –                  | –                             | –                          |
|                  | C              | Black         | 1488752-3          | –     | –              | –               | –                  | –                             | –                          |

### Unsealed Receptacle Housings 1-Row

#### Technical Features

##### No. of Positions:

6 (1 x 6) Positions Assy  
with/without Shorting Bar

##### Housing Material:

PA66 GF35

##### Wire Size Range:

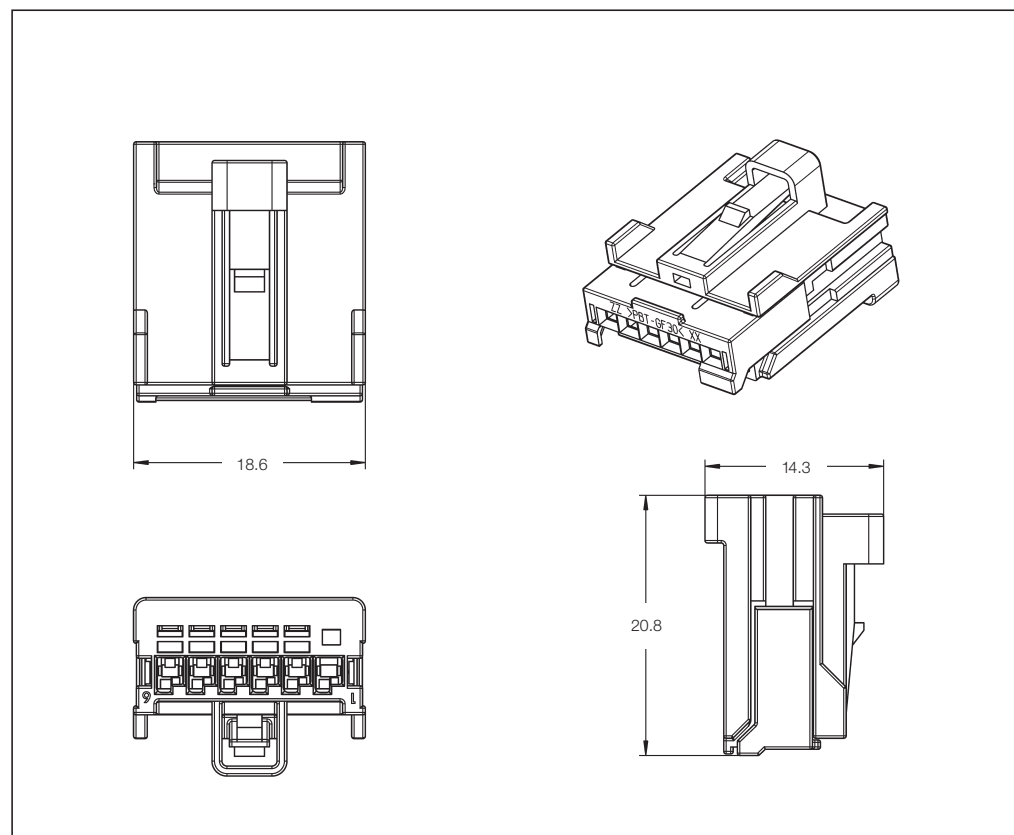
0.22–0.75 mm<sup>2</sup>

##### Product Specification:

114-13060

##### Application Specification:

408-8955



### Unsealed Receptacle Housings 1-Row

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 6 (1 x 6)        | A              | Yellow        | 1355922-1          | –     | –              | –               | –                  | –                             | –                          |
|                  | B              | Black         | 1355922-4          | –     | –              | –               | –                  | –                             | –                          |

### Unsealed Receptacle Housings 1-Row

#### Technical Features

##### No. of Positions:

6 (1 x 6) Positions Hybrid  
4 x GET.64 Terminal  
2 x 6.3 mm Terminal

##### Housing Material:

PBT GF30

##### Wire Size Range:

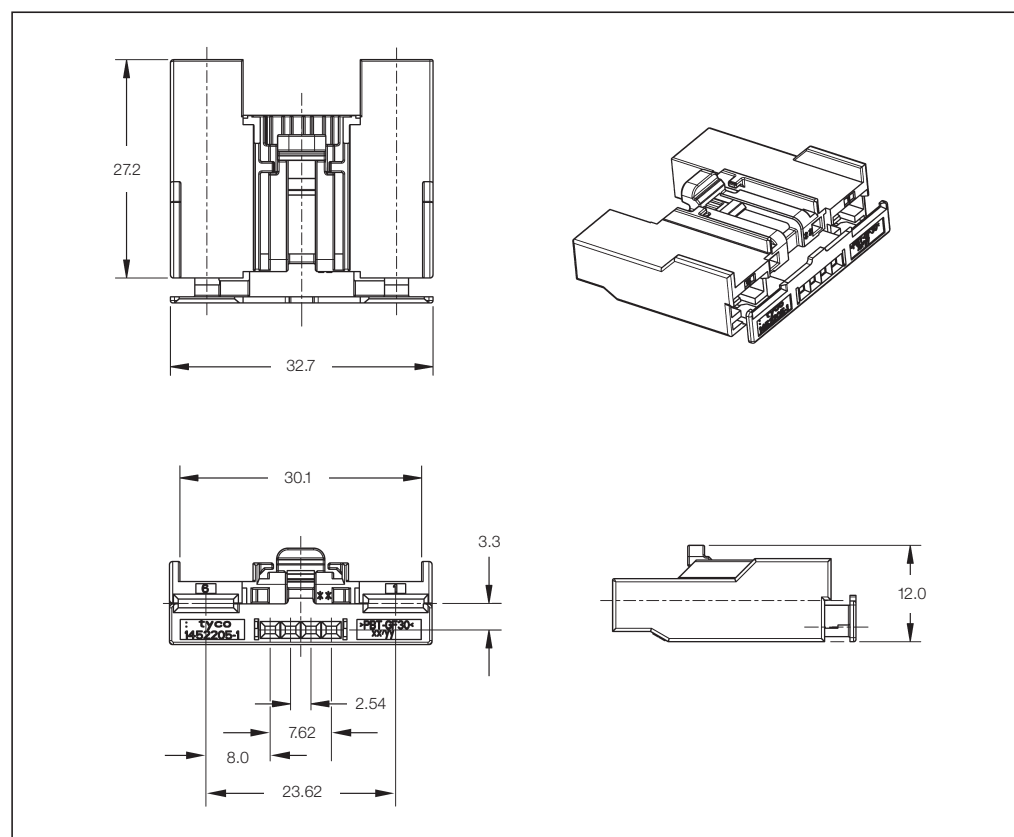
0.22–0.75 mm<sup>2</sup>

##### Product Specification:

—

##### Application Specification:

—



### Unsealed Receptacle Housings 1-Row

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 6 (1 x 6)        | A              | Black         | 1452203-1          | —     | —              | —               | —                  | —                             | —                          |

### Unsealed Receptacle Housings 1-Row

#### Technical Features

##### No. of Positions:

10 (1 x 10) Positions Assy  
without CPA

##### Housing Material:

PA66 GF35

##### Wire Size Range:

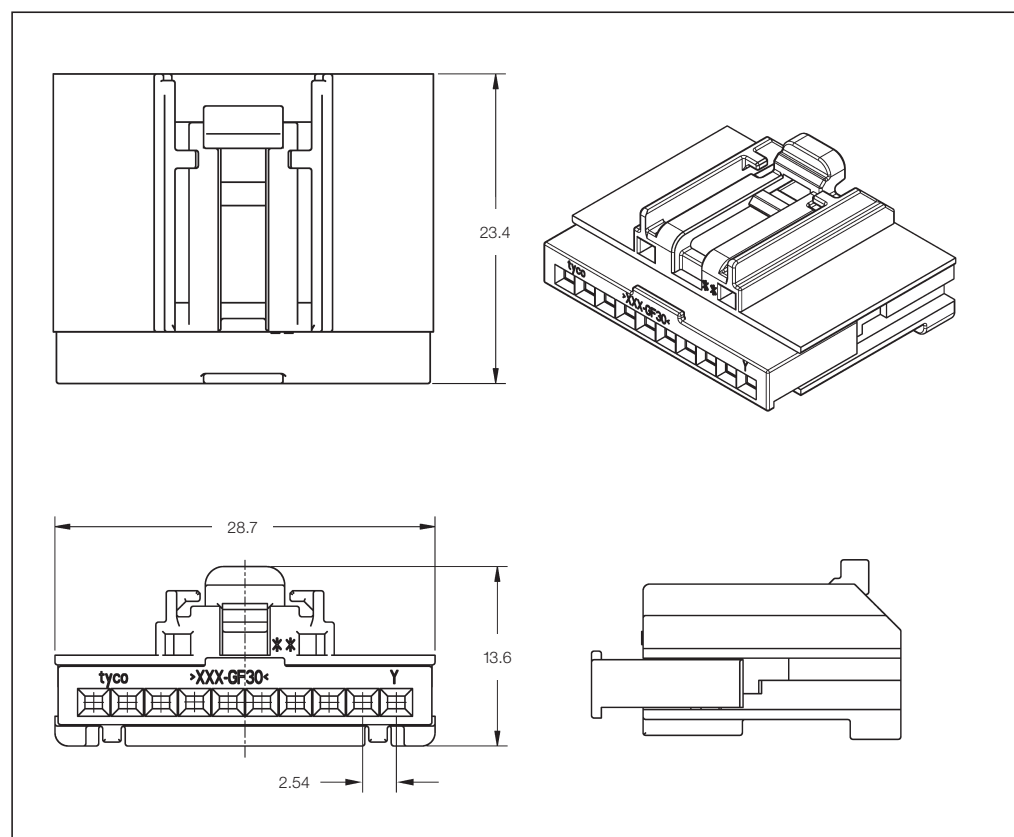
0.22–0.75 mm<sup>2</sup>

##### Product Specification:

114-13060

##### Application Specification:

408-8955



### Unsealed Receptacle Housings 1-Row

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 10 (1 x 10)      | A              | Black         | 1452187-1          |       |                |                 |                    |                               |                            |
|                  | C              | Black         | 1452187-3          | –     | –              | –               | –                  | –                             | –                          |
|                  | D              | Black         | 1452187-4          |       |                |                 |                    |                               |                            |

### Unsealed Receptacle Housings 2-Rows

#### Technical Features

##### No. of Positions:

6 (2 x 3) Positions Assy

##### Housing Material:

PA66 GF35

##### Wire Size Range:

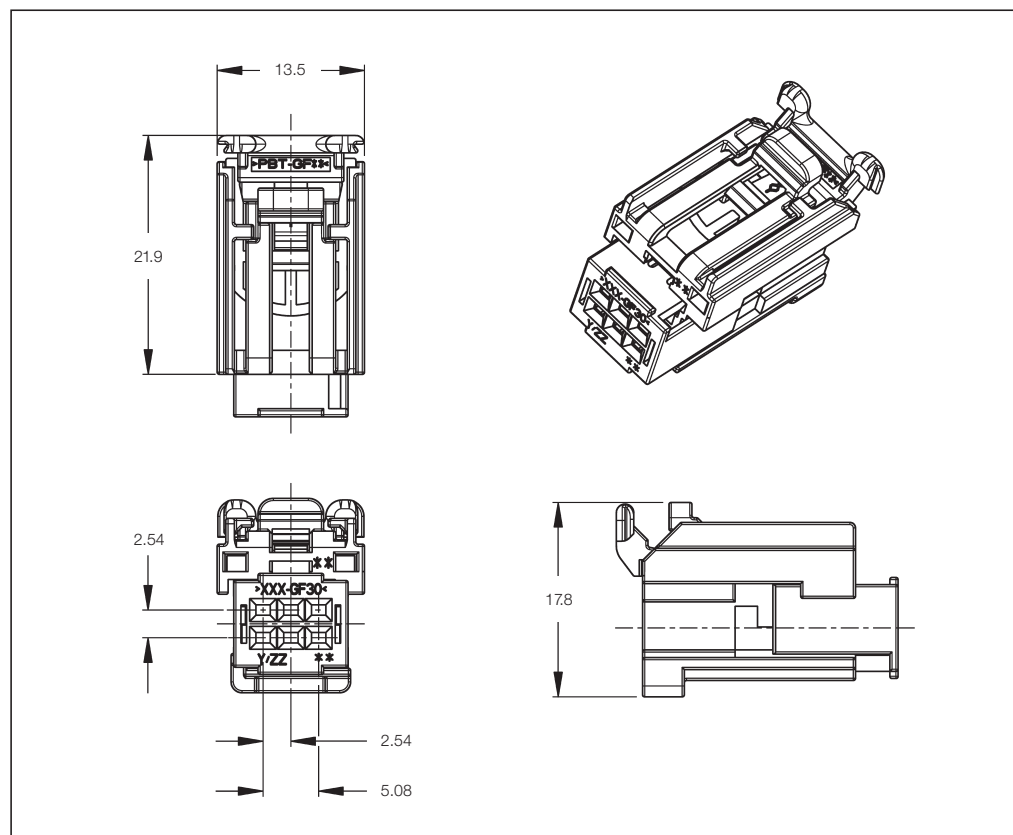
0.22–0.75 mm<sup>2</sup>

##### Product Specification:

114-13060

##### Application Specification:

408-8955



#### Unsealed Receptacle Housings 2-Rows with CPA

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 6 (2 x 3)        | A              | Black         | 1419158-5          |       |                |                 |                    |                               |                            |
|                  | B              | Black         | 1418158-6          | –     | –              | –               | –                  | –                             | –                          |
|                  | C              | Black         | 1411325-3          |       |                |                 |                    |                               |                            |
|                  | D              | Black         | 1411325-4          |       |                |                 |                    |                               |                            |

#### Unsealed Receptacle Housings 2-Rows without CPA

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 6 (2 x 3)        | A              | Black         | 9-1411325-1        |       |                |                 |                    |                               |                            |
|                  |                | Green         | 1-1411325-1        |       |                |                 |                    |                               |                            |
|                  | B              | Black         | 9-1411325-2        |       |                |                 |                    |                               |                            |
|                  |                | Gray          | 1-1411325-2        |       |                |                 |                    |                               |                            |
|                  | C              | Black         | 9-1411325-3        | –     | –              | –               | –                  | –                             | –                          |
|                  |                | Brown         | 1-1411325-3        |       |                |                 |                    |                               |                            |
|                  | D              | Black         | 9-1411325-4        |       |                |                 |                    |                               |                            |
|                  |                | Blue          | 1-1411325-4        |       |                |                 |                    |                               |                            |
|                  | E              | Black         | 9-1411325-5        |       |                |                 |                    |                               |                            |
|                  |                |               |                    |       |                |                 |                    |                               |                            |

### Unsealed Receptacle Housings 2-Rows

#### Technical Features

##### No. of Positions:

8 (2 x 4) Positions Assy

##### Housing Material:

PA66 GF35

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

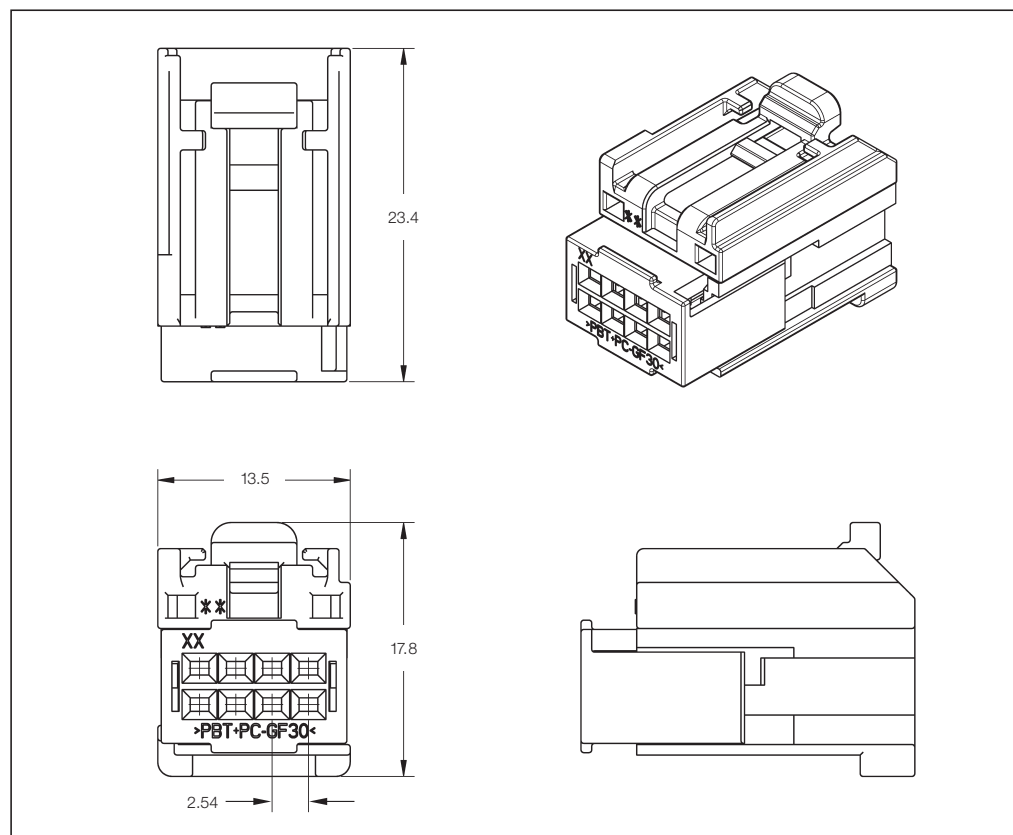
##### Product Specification:

114-13060

##### Application Specifications:

408-8955

408-8600



#### Unsealed Receptacle Housings 2-Rows with CPA

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 8 (2 x 4)        | A              | Black         | 3-1419170-4        | –     | –              | –               | 1411169-1          | –                             | –                          |
|                  | C              | Black         | 1-1419158-3        | –     | –              | –               | 1411169-3          | –                             | –                          |
|                  | D              | Black         | 2-1419170-9        | –     | –              | –               | 1411169-4          | –                             | –                          |
|                  | E              | Black         | 3-1419170-0        | –     | –              | –               | –                  | –                             | –                          |

#### Unsealed Receptacle Housings 2-Rows without CPA

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 8 (2 x 4)        | A              | Black         | 1-1419158-2        | –     | –              | –               | 1411169-1          | –                             | –                          |
|                  |                | Black         | 1411168-1          | –     | –              | –               | –                  | –                             | –                          |
|                  | C              | Black         | 1418158-8          | –     | –              | –               | 1411169-3          | –                             | –                          |
|                  |                | Black         | 1411168-3          | –     | –              | –               | –                  | –                             | –                          |
|                  | D              | Black         | 1-1419158-0        | –     | –              | –               | 1411169-4          | –                             | –                          |
|                  | E              | Black         | 1-1419158-1        | –     | –              | –               | –                  | –                             | –                          |

### Unsealed Low Profile Latch 2-Rows

#### Technical Features

##### No. of Positions:

8 (2 x 4) Positions Assy

##### Housing Material:

PA66 GF35

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

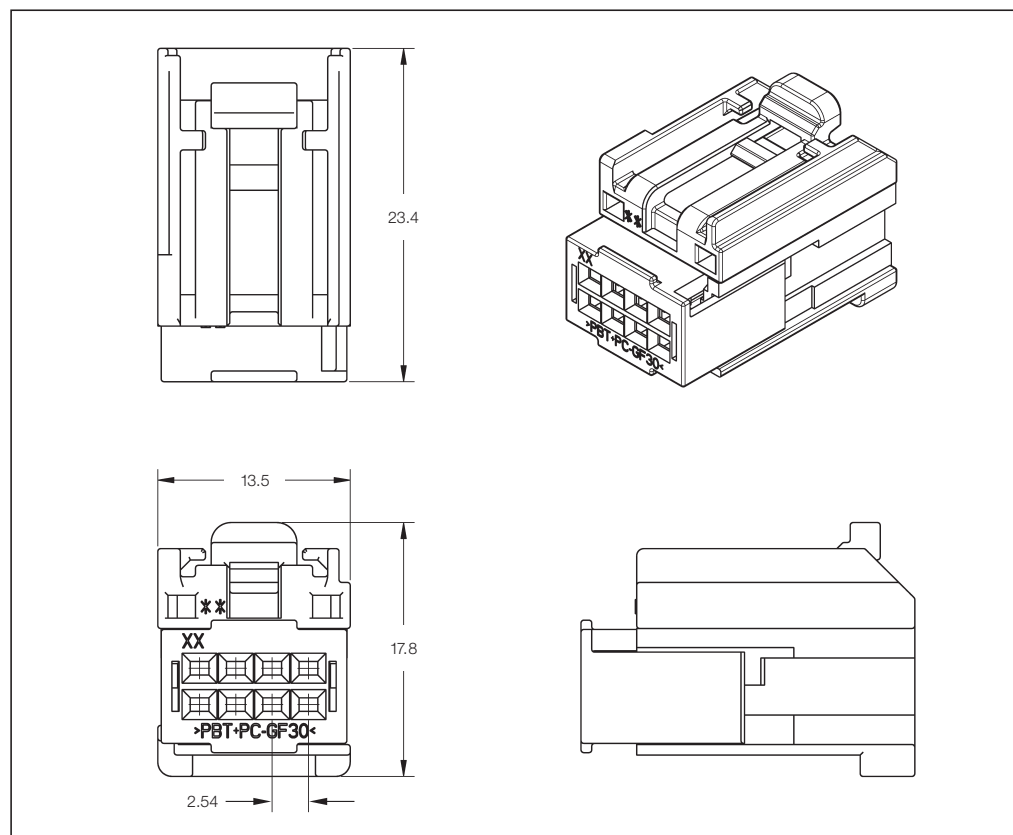
##### Product Specification:

114-13060

##### Application Specifications:

408-8955

408-8600



#### Unsealed Low Profile Latch 2-Rows with CPA

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 8 (2 x 4)        | A              | Black         | 1456987-2          | –     | –              | –               | 1411169-1          | –                             | –                          |
|                  | B              | Black         | 1456987-4          | –     | –              | –               | –                  | –                             | –                          |
|                  | C              | Black         | 1456987-6          | –     | –              | –               | 1411169-3          | –                             | –                          |
|                  | D              | Black         | 1456987-8          | –     | –              | –               | 1411169-4          | –                             | –                          |

#### Unsealed Low Profile Latch 2-Rows without CPA

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 8 (2 x 4)        | A              | Black         | 1456987-1          | –     | –              | –               | 1411169-1          | –                             | –                          |
|                  | B              | Black         | 1456987-3          | –     | –              | –               | –                  | –                             | –                          |
|                  | C              | Black         | 1456987-5          | –     | –              | –               | 1411169-3          | –                             | –                          |
|                  | D              | Black         | 1456987-7          | –     | –              | –               | 1411169-4          | –                             | –                          |

### Unsealed Receptacle Housings 2-Rows

#### Technical Features

##### No. of Positions:

10 (2 x 5) Positions Assy

##### Housing Material:

PA66 GF35

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

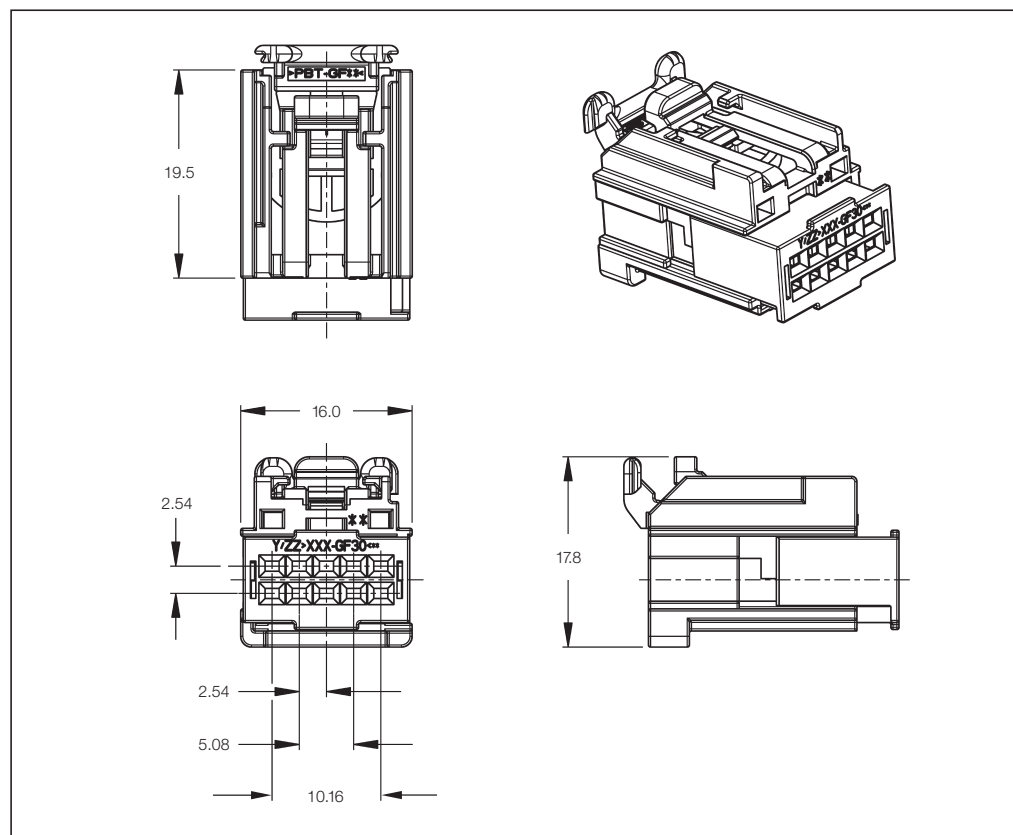
##### Product Specification:

114-13060

##### Application Specifications:

408-8955

408-8600



#### Unsealed Receptacle Housings 2-Rows with CPA

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 10 (2 x 5)       | A              | Black         | 5-1419170-8        | –     | –              | –               | 9-1419157-6        | –                             | –                          |

#### Unsealed Receptacle Housings 2-Rows without CPA

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 10 (2 x 5)       | A              | Black         | 1-1419158-4        | –     | –              | –               | 9-1419157-6        | –                             | –                          |

### Unsealed Receptacle Housings 2-Rows

#### Technical Features

##### No. of Positions:

12 (2 x 6) Positions Assy

##### Housing Material:

PA66 GF35

##### Wire Size Range:

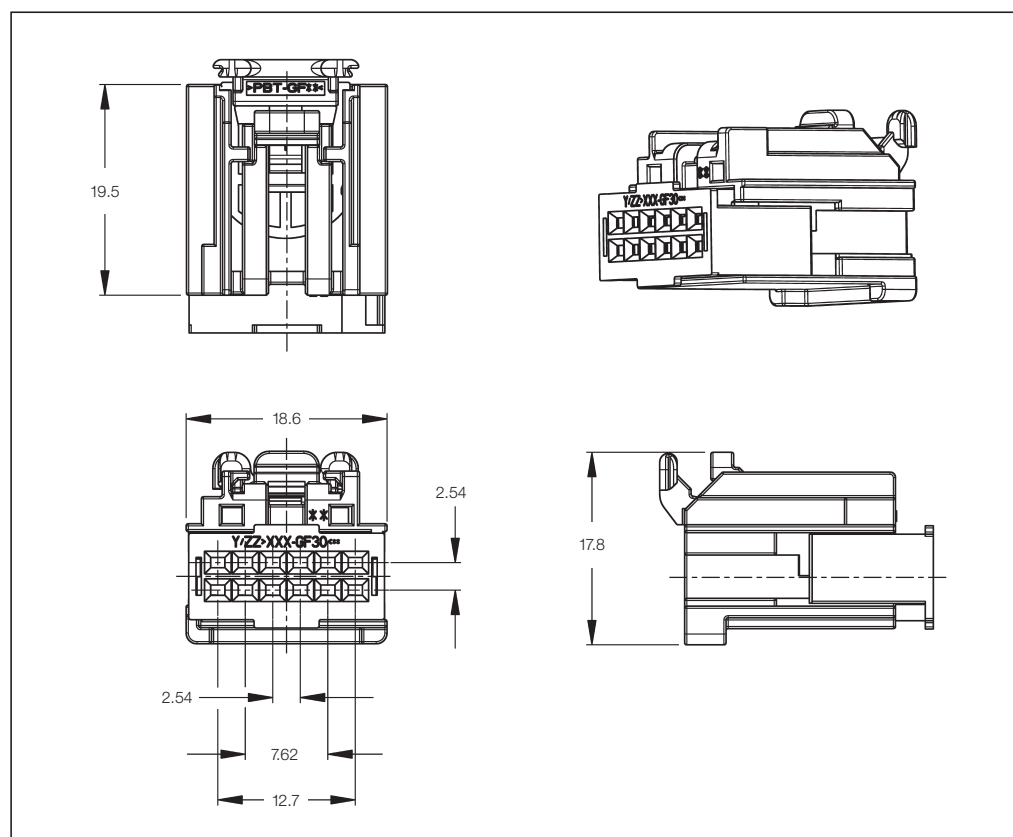
0.22–0.75 mm<sup>2</sup>

##### Product Specification:

114-13060

##### Application Specification:

408-8955



#### Unsealed Receptacle Housings 2-Rows with CPA

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 12 (2 x 6)       | B              | Black         | 1-1452015-2        | –     | –              | –               | –                  | 1438107-1                     | –                          |
|                  | H              | Black         | 1-1452015-8        | –     | –              | –               | –                  | –                             | –                          |

#### Unsealed Receptacle Housings 2-Rows without CPA

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 12 (2 x 6)       | B              | Black         | 1452015-2          | –     | –              | –               | –                  | 1438107-1                     | –                          |
|                  | H              | Black         | 1452015-8          | –     | –              | –               | –                  | –                             | –                          |

### Unsealed Receptacle Housings 2-Rows

#### Technical Features

##### No. of Positions:

16 (2 x 8) Positions Assy

##### Housing Material:

sPS + PA66 GF30

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

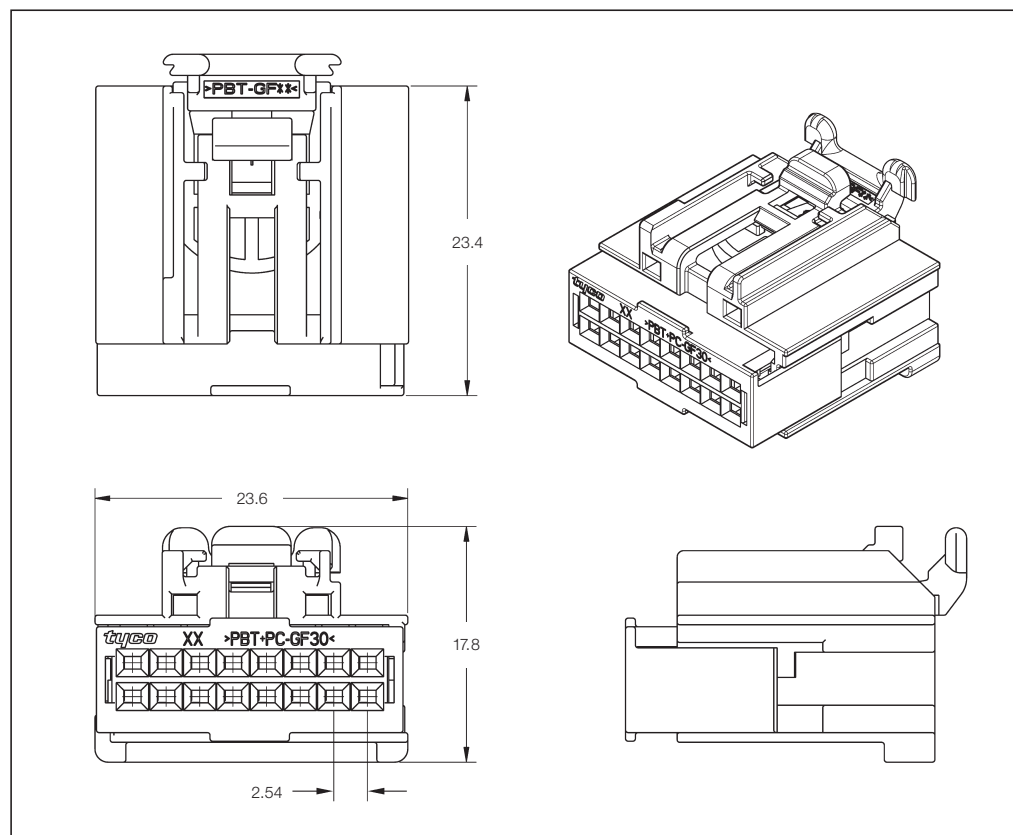
##### Product Specification:

114-13060

##### Application Specifications:

408-8955

408-8600



#### Unsealed Receptacle Housings 2-Rows with CPA

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 16 (2 x 8)       | A              | Black         | 1419171-9          | –     | –              | –               | 6-1419167-1        | 1438107-1                     | –                          |
|                  | C              | Black         | 1419171-3          | –     | –              | –               | 5-1419167-5        | –                             | –                          |
|                  | D              | Black         | 1419171-4          | –     | –              | –               | 5-1419167-6        | –                             | –                          |
|                  | E              | Black         | 1419171-5          | –     | –              | –               | 5-1419167-7        | –                             | –                          |
|                  | F              | Black         | 1419171-6          | –     | –              | –               | 5-1419167-8        | –                             | –                          |

#### Unsealed Receptacle Housings 2-Rows without CPA

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 16 (2 x 8)       | A              | Black         | 9-1419170-1        | –     | –              | –               | 6-1419167-1        | 1438107-1                     | –                          |
|                  |                | Gray          | 1411369-1          | –     | –              | –               | 1411367-1          | –                             | –                          |
|                  | C              | Black         | 8-1419170-5        | –     | –              | –               | 5-1419167-5        | –                             | –                          |
|                  | D              | Black         | 8-1419170-6        | –     | –              | –               | 5-1419167-6        | –                             | –                          |
|                  | E              | Black         | 8-1419170-7        | –     | –              | –               | 5-1419167-7        | –                             | –                          |
|                  | F              | Black         | 8-1419170-8        | –     | –              | –               | 5-1419167-8        | –                             | –                          |

### Unsealed Low Profile Latch 2-Rows

#### Technical Features

##### No. of Positions:

16 (2 x 8) Positions Assy

##### Housing Material:

sPS + PA66 GF30

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

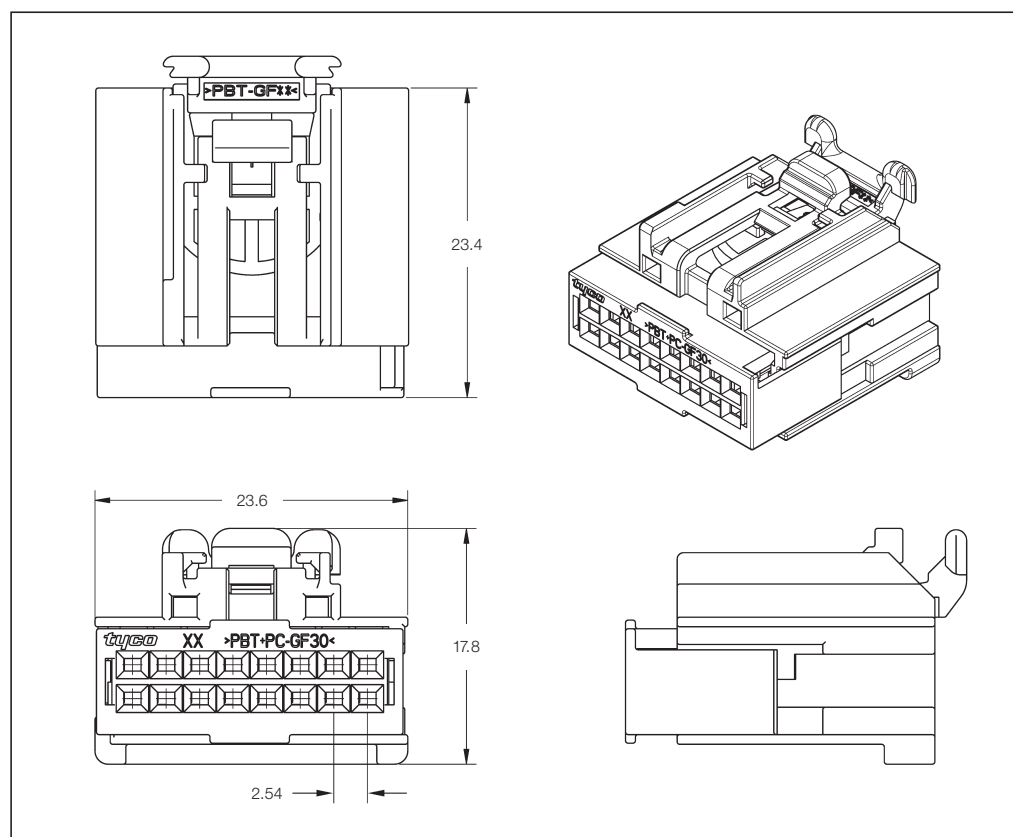
##### Product Specification:

114-13060

##### Application Specifications:

408-8955

408-8600



#### Unsealed Low Profile Latch 2-Rows

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 16 (2 x 8)       | A              | Black         | 1458573-1          | –     | –              | –               | 1438170-1          | 1438107-1                     | –                          |

#### Unsealed Low Profile Latch 2-Rows with CPA

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 16 (2 x 8)       | A              | Black         | 1456989-2          | –     | –              | –               | 1438170-1          | 1438107-1                     | –                          |

#### Unsealed Low Profile Latch 2-Rows without CPA

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 16 (2 x 8)       | A              | Black         | 1456989-1          | –     | –              | –               | 6-1419167-1        | –                             | –                          |
|                  |                | Gray          | 1456985-3          | –     | –              | –               | 1411367-1          | –                             | –                          |
|                  | C              | Black         | 1456985-4          | –     | –              | –               | 5-1419167-5        | –                             | –                          |
|                  |                | Black         | 1456985-5          | –     | –              | –               | 5-1419167-6        | –                             | –                          |
|                  |                | Black         | 1456985-6          | –     | –              | –               | 5-1419167-7        | –                             | –                          |
|                  |                | Black         | 1456989-7          | –     | –              | –               | 5-1419167-8        | –                             | –                          |

### Unsealed Receptacle Housings 2-Rows

#### Technical Features

##### No. of Positions:

22 (2 x 11) Positions Assy

##### Housing Material:

PA66 GF30

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

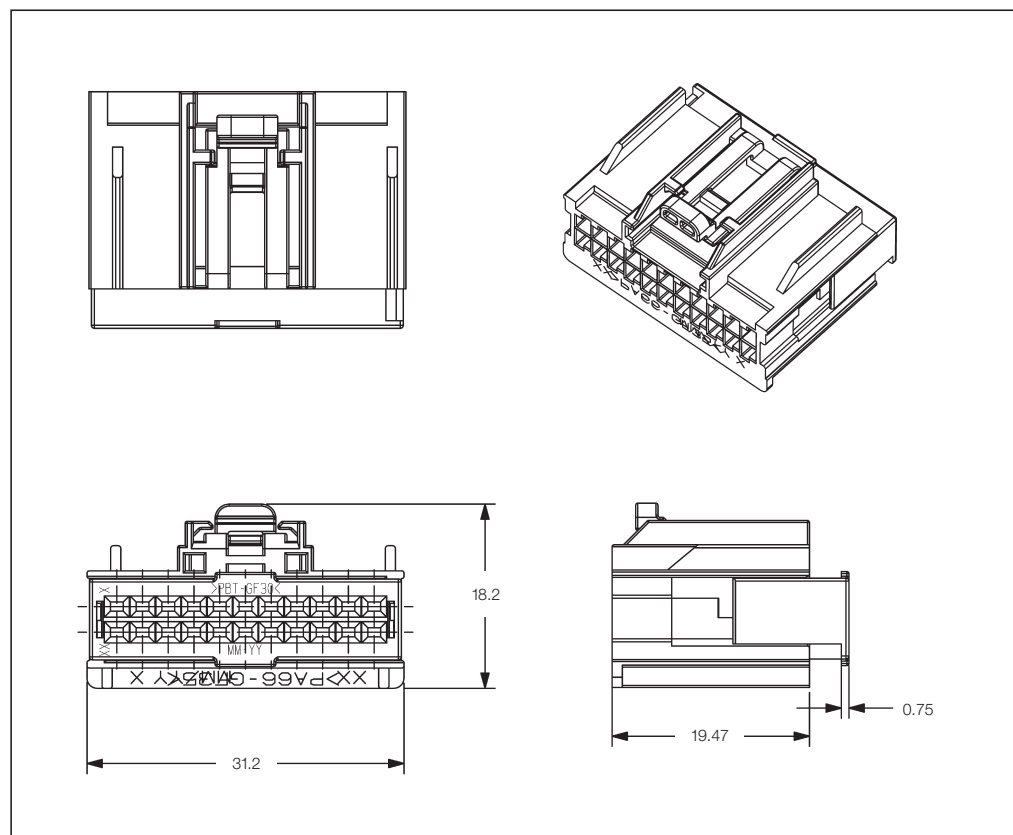
##### Product Specification:

114-13060

##### Application Specifications:

408-8955

408-8600



#### Unsealed Receptacle Housings 2-Rows with CPA

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 22 (2 x 11)      | A              | Black         | 1-1419158-7        | –     | –              | –               | 2-1419158-8        | –                             | –                          |
|                  | B              | Black         | 3-1419158-0        | –     | –              | –               | 2-1419158-7        | –                             | –                          |
|                  | C              | Black         | 2-1419158-9        | –     | –              | –               | 2-1419158-6        | –                             | –                          |

#### Unsealed Receptacle Housings 2-Rows without CPA

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 22 (2 x 11)      | A              | Black         | 1420011-1          | –     | –              | –               | 2-1419158-8        | –                             | –                          |
|                  | B              | Black         | 1420011-2          | –     | –              | –               | 2-1419158-7        | –                             | –                          |
|                  | C              | Black         | 1420011-3          | –     | –              | –               | 2-1419158-6        | –                             | –                          |

### Unsealed Receptacle Housings 2-Rows

#### Technical Features

##### No. of Positions:

22 Positions Hybrid  
18 x GET.64 Terminal  
4 x 2.8 mm Terminal

##### Housing Material:

PA66 GF30

##### Wire Size Range:

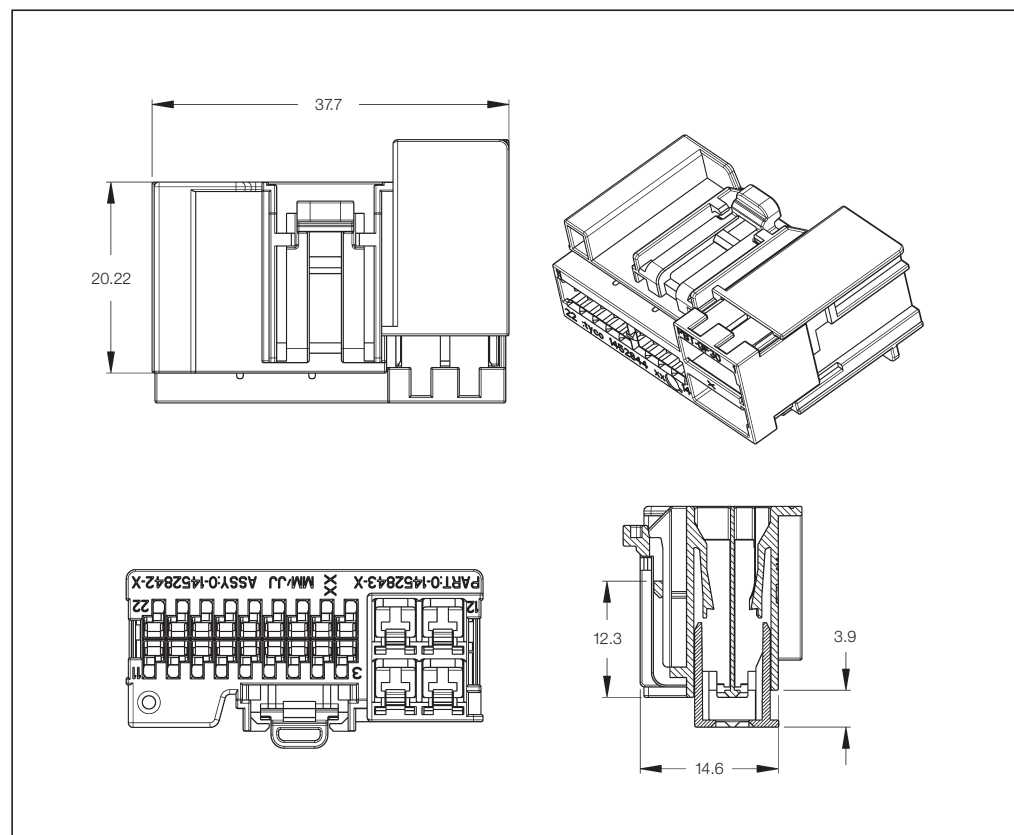
0.22–0.75 mm<sup>2</sup>

##### Product Specification:

—

##### Application Specification:

—



### Unsealed Receptacle Housings 2-Rows

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 22               | A              | Black         | 1452842-1          | —     | —              | —               | —                  | —                             | —                          |
|                  |                | Gray          | 1-1452842-1        | —     | —              | —               | —                  | —                             | —                          |

### Unsealed Receptacle Housings 2-Rows

#### Technical Features

##### No. of Positions:

23 Positions Assy  
with Lever Assistance  
16 x GET.64 Terminal  
7 x 2.8 mm Terminal

##### Housing Material:

PA66 GF35

##### Wire Size Range:

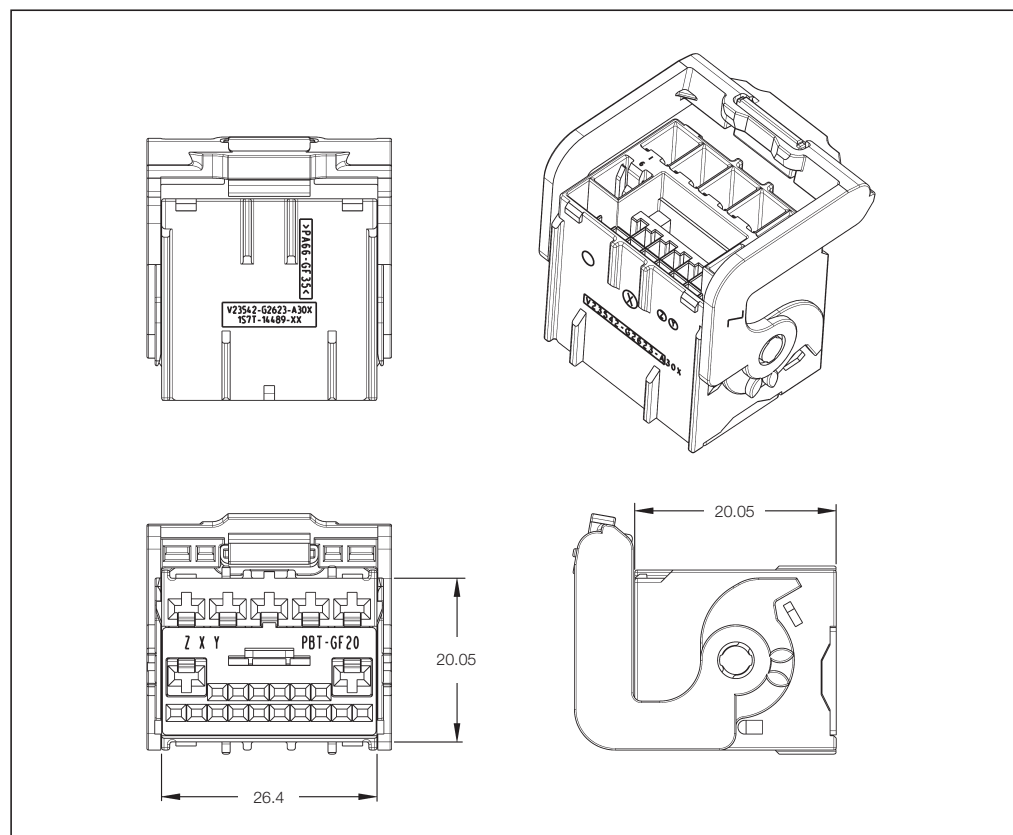
0.22–0.75 mm<sup>2</sup>

##### Product Specification:

114-13060

##### Application Specification:

408-8955



### Unsealed Receptacle Housings 2-Rows

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 23               | A              | Black         | 2-1419158-1        |       |                |                 |                    |                               |                            |
|                  | B              | Green         | 2-1419158-0        |       |                |                 |                    |                               |                            |
|                  | C              | Gray          | 1-1419158-9        | –     | –              | –               | –                  | 6-1419138-9                   | –                          |
|                  | D              | Brown         | 1-1419158-8        |       |                |                 |                    |                               |                            |
|                  | E              | Blue          | 2-1419158-2        |       |                |                 |                    |                               |                            |

### Unsealed Receptacle Housings 2-Rows

#### Technical Features

##### No. of Positions:

24 (2 x 12) Positions Assy

##### Housing Material:

PA66 GF35

##### Wire Size Range:

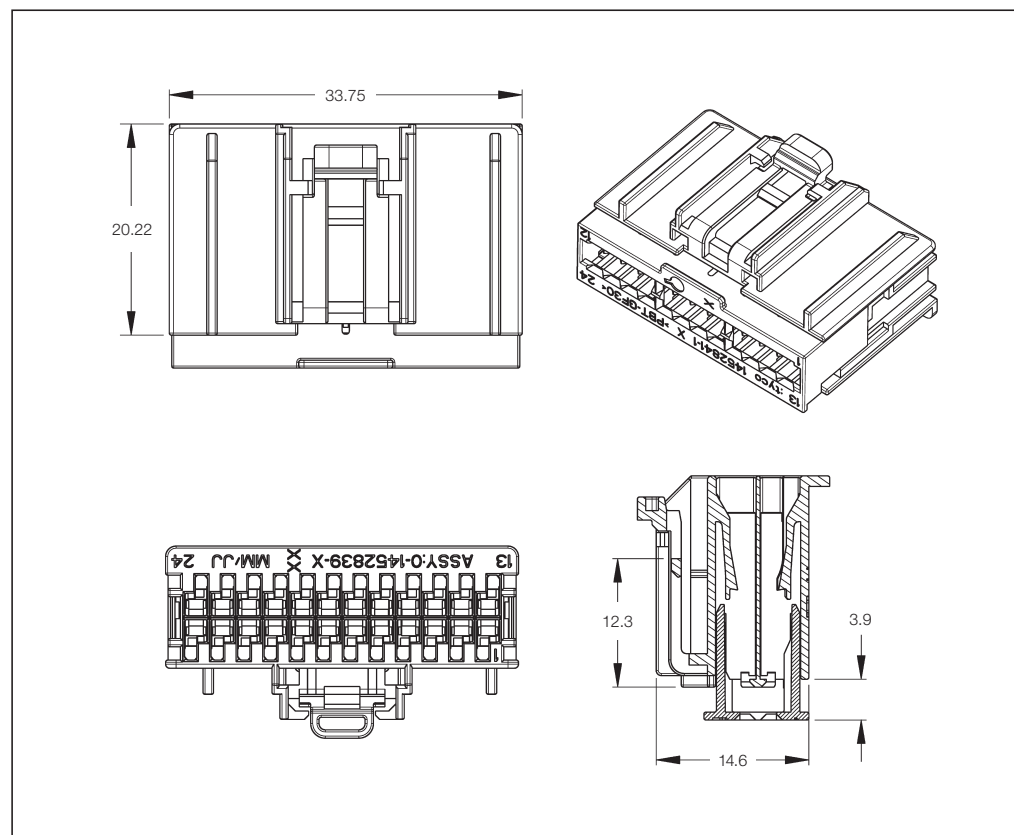
0.22–0.75 mm<sup>2</sup>

##### Product Specification:

—

##### Application Specification:

—



### Unsealed Receptacle Housings 2-Rows

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 24 (2 x 12)      | A              | Black         | 1452839-1          | —     | —              | —               | —                  | —                             | —                          |
|                  |                | Gray          | 1-1452839-1        | —     | —              | —               | —                  | —                             | —                          |

### Unsealed Pin Housings 1-Row

#### Technical Features

##### No. of Positions:

2 (1 x 2) Positions

##### Housing Material:

PA66 GF35

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

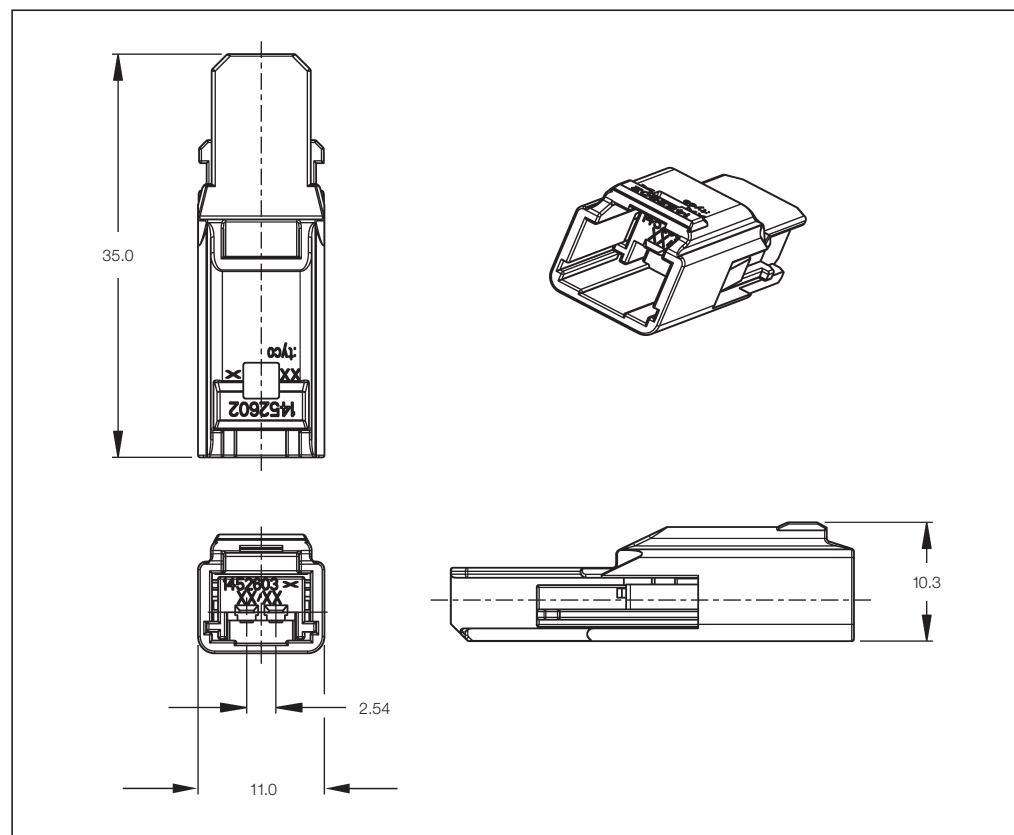
##### Product Specification:

114-13060

##### Application Specifications:

408-8955

408-8600



### Unsealed Pin Housings 1-Row

| No. of Positions | Keying Options | Housing Color | Part Numbers |       |                |                 |                           |
|------------------|----------------|---------------|--------------|-------|----------------|-----------------|---------------------------|
|                  |                |               | Pin Housing  | Cover | Locking Device | Cover and Lever | Mating Receptacle Housing |
| 2 (1 x 2)        | A              | Black         | 1452601-1    | –     | –              | –               | 1452598-1                 |

### Unsealed Pin Housings 1-Row

#### Technical Features

##### No. of Positions:

4 (1 x 4) Positions

##### Housing Material:

PA66 GF35

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

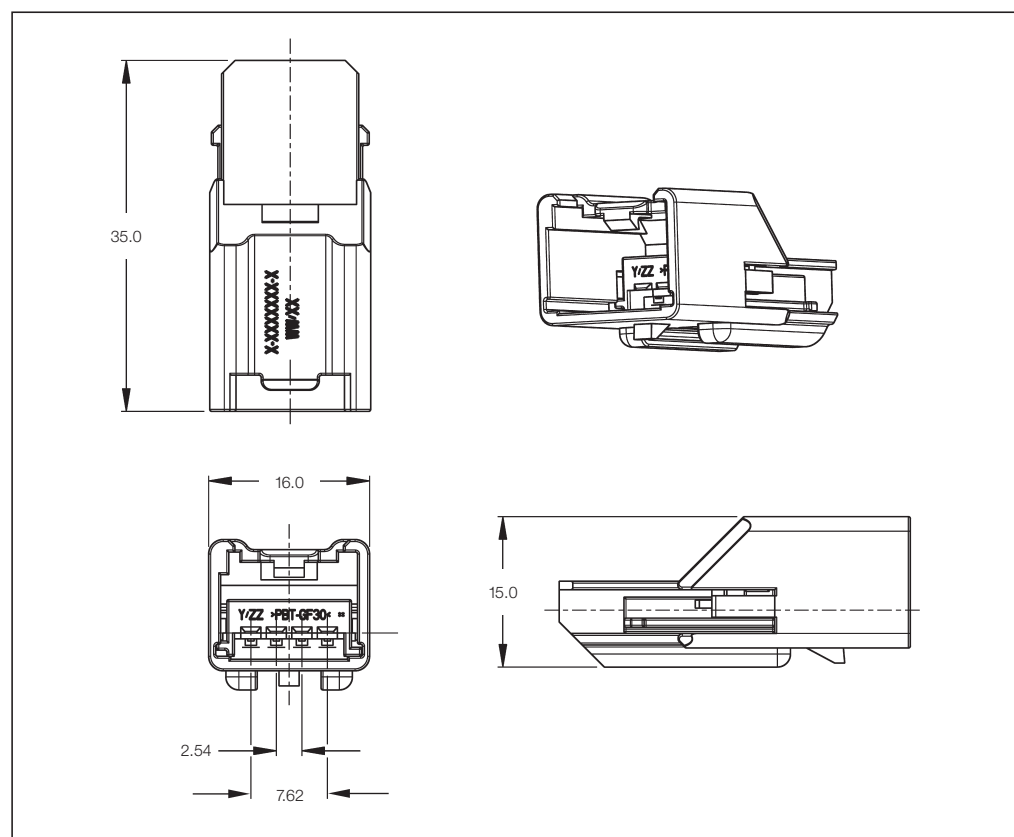
##### Product Specification:

114-13060

##### Application Specifications:

408-8955

408-8600



### Unsealed Pin Housings 1-Row

| No. of Positions | Keying Options | Housing Color | Part Numbers |       |                |                 |                           |
|------------------|----------------|---------------|--------------|-------|----------------|-----------------|---------------------------|
|                  |                |               | Pin Housing  | Cover | Locking Device | Cover and Lever | Mating Receptacle Housing |
| 4 (1 x 4)        | A              | Black         | 6-1419166-1  | –     | –              | –               | 6-1419169-8               |
|                  |                |               |              |       |                |                 | 3-1419158-2               |
|                  |                |               |              |       |                |                 | 1438122-1                 |
|                  | B              | Black         | 6-1419166-2  | –     | –              | –               | 6-1419169-9               |
|                  |                |               |              |       |                |                 | 5-1419169-2               |
|                  | D              | Black         | 5-1419166-6  | –     | –              | –               | 6-1419169-3               |
|                  |                |               |              |       |                |                 | 4-1419169-7               |

### Unsealed Pin Housings 1-Row

#### Technical Features

##### No. of Positions:

6 (1 x 6) Positions  
with 3 (2) Shorting Bars

##### Housing Material:

PA66 GF35

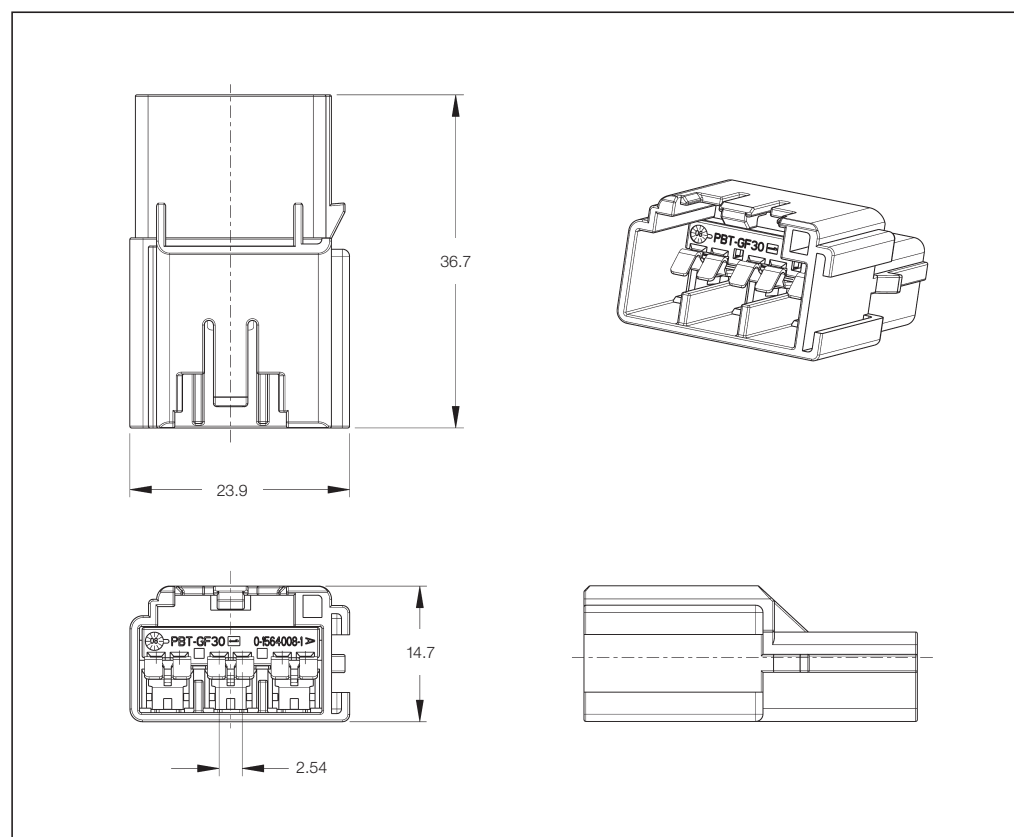
##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

##### Product Specification:

114-13060

##### Application Specification:



### Unsealed Pin Housings 1-Row

| No. of Positions | Keying Options | Housing Color | Part Numbers |       |                |                 |                           |
|------------------|----------------|---------------|--------------|-------|----------------|-----------------|---------------------------|
|                  |                |               | Pin Housing  | Cover | Locking Device | Cover and Lever | Mating Receptacle Housing |
| 6 (1 x 6)        | X              | Yellow        | 1564004-1    | –     | –              | –               | 1564003-1                 |
|                  |                | Orange        | 1564004-2    |       |                |                 |                           |

### Unsealed Pin Housings 1-Row

#### Technical Features

##### No. of Positions:

8 (1 x 8) Positions

##### Housing Material:

PA66 GF35

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

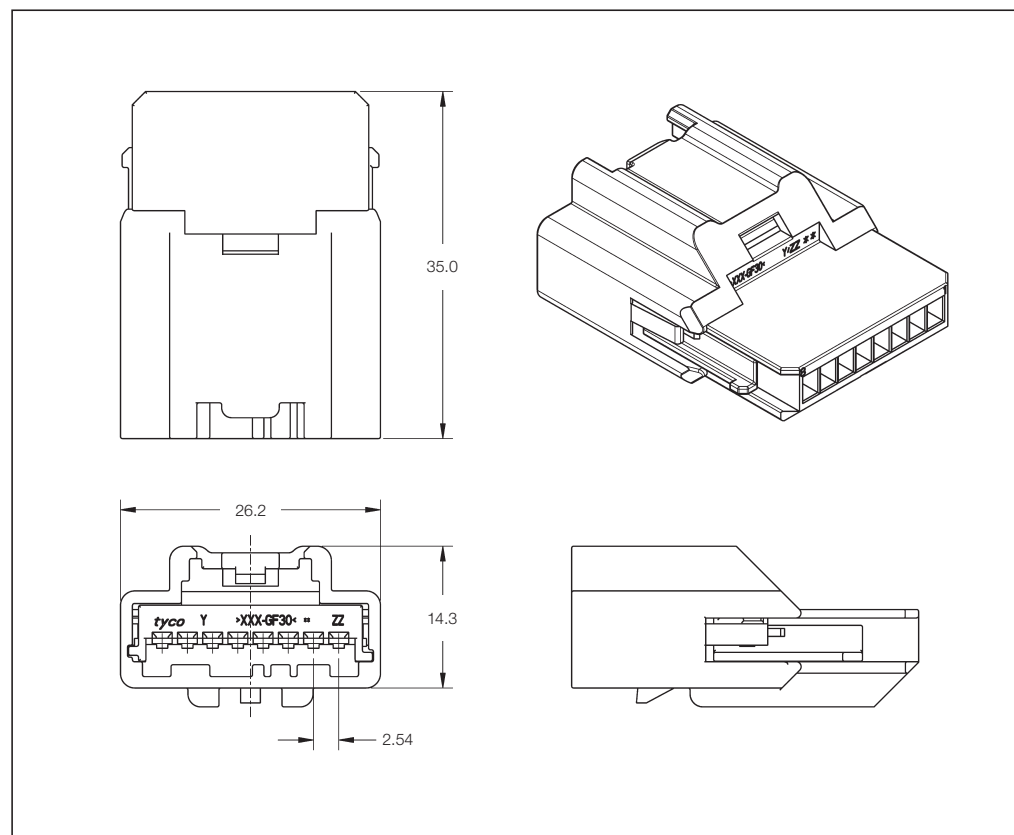
##### Product Specification:

114-13060

##### Application Specifications:

408-8955

408-8600



### Unsealed Pin Housings 1-Row

| No. of Positions | Keying Options | Housing Color | Part Numbers |       |                |                 |                           |
|------------------|----------------|---------------|--------------|-------|----------------|-----------------|---------------------------|
|                  |                |               | Pin Housing  | Cover | Locking Device | Cover and Lever | Mating Receptacle Housing |
| 8 (1 x 8)        | C              | Black         | 9-1419166-0  | –     | –              | –               | 2-1419170-1               |
|                  |                |               |              |       |                |                 | 9-1419169-1               |
|                  |                |               |              |       |                |                 | 1488903-1                 |
|                  | D              | Black         | 9-1419166-1  | –     | –              | –               | 2-1419170-2               |
|                  |                |               |              |       |                |                 | 9-1419169-2               |

### Unsealed Pin Housings 2-Rows

#### Technical Features

##### No. of Positions:

8 (2 x 4) Positions

##### Housing Material:

PA66 GF35

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

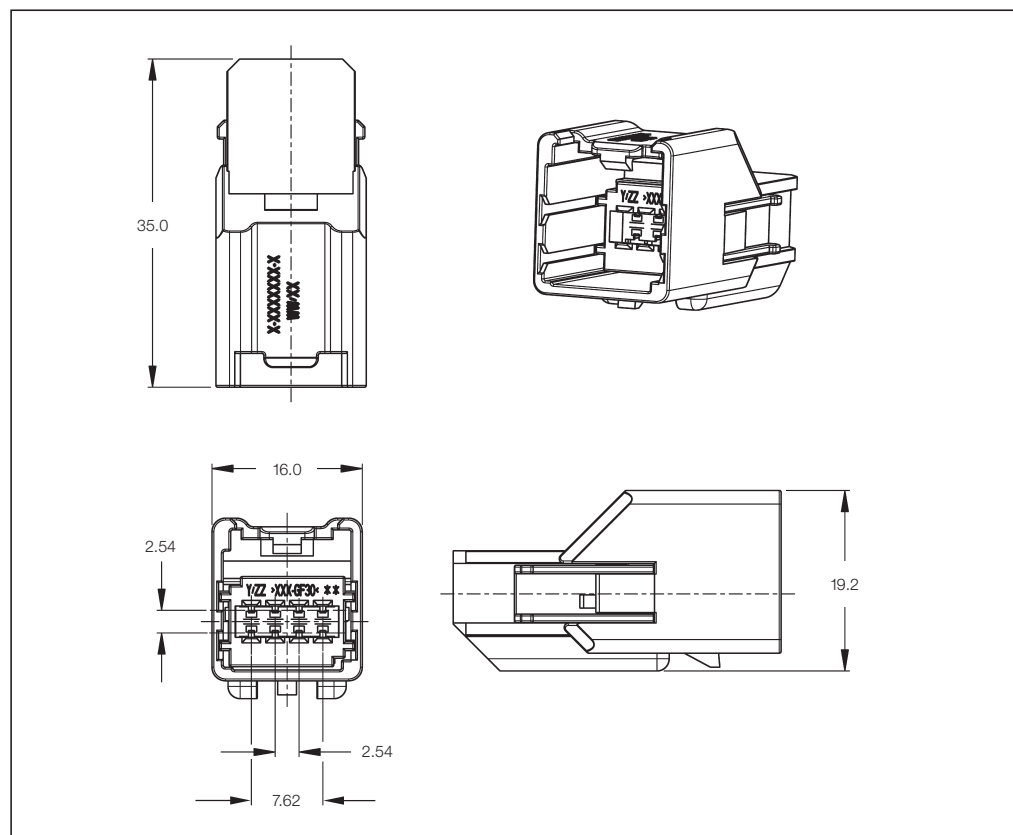
##### Product Specification:

114-13060

##### Application Specifications:

408-8955

408-8600



### Unsealed Pin Housings 2-Rows

| No. of Positions | Keying Options | Housing Color | Part Numbers |       |                |                 |                            |
|------------------|----------------|---------------|--------------|-------|----------------|-----------------|----------------------------|
|                  |                |               | Pin Housing  | Cover | Locking Device | Cover and Lever | Mating Receptacle Housing  |
| 8 (2 x 4)        | A              | Black         | 1411169-1    | –     | –              | –               | 1-1419158-2<br>3-1419170-4 |
|                  | C              | Black         | 1411169-3    | –     | –              | –               | 1419158-8<br>1-1419158-3   |
|                  | D              | Black         | 1411169-4    | –     | –              | –               | 1-1419158-0<br>2-1419170-9 |
|                  | E              | Black         | 1411169-0    | –     | –              | –               | 1-1419158-1<br>3-1419170-0 |

### Unsealed Pin Housings 2-Rows

#### Technical Features

##### No. of Positions:

10 (2 x 5) Positions

##### Housing Material:

PA66 GF35

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

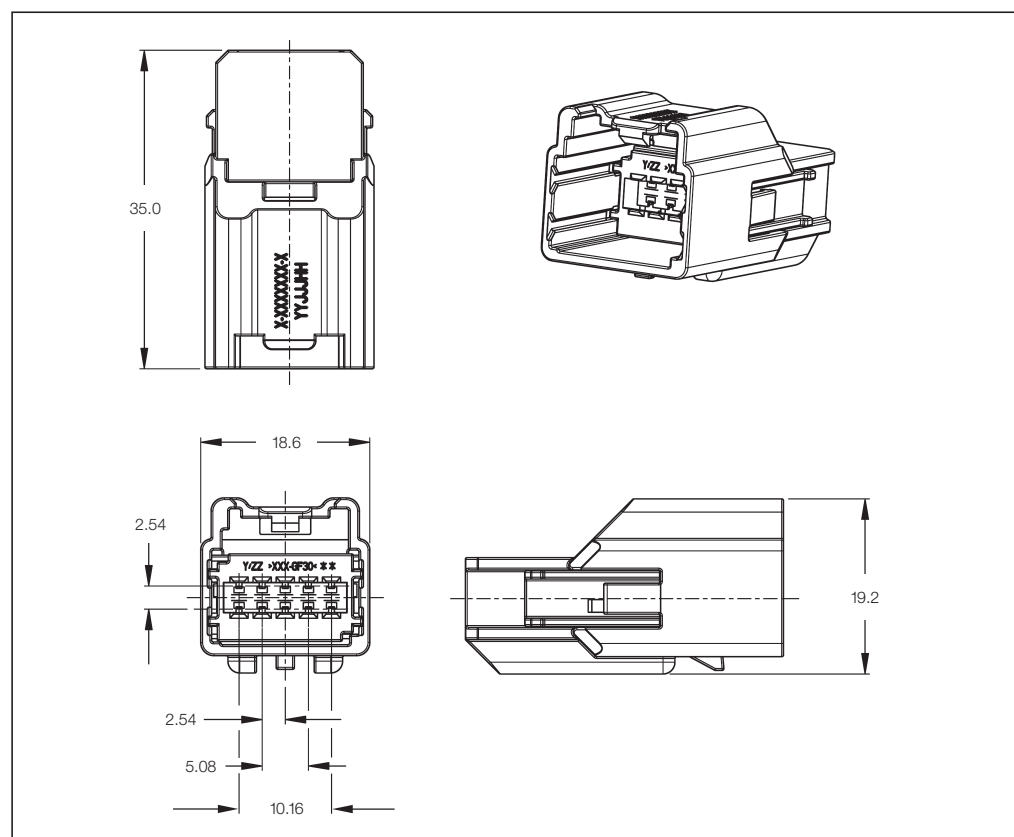
##### Product Specification:

114-13060

##### Application Specifications:

408-8955

408-8600



### Unsealed Pin Housings 2-Rows

| No. of Positions | Keying Options | Housing Color | Part Numbers |       |                |                 |                           |
|------------------|----------------|---------------|--------------|-------|----------------|-----------------|---------------------------|
|                  |                |               | Pin Housing  | Cover | Locking Device | Cover and Lever | Mating Receptacle Housing |
| 10 (2 x 5)       | A              | Black         | 9-1419157-6  | –     | –              | –               | 5-1419170-8               |
|                  |                |               |              |       |                |                 | 1-1419158-4               |

### Unsealed Pin Housings 2-Rows

#### Technical Features

##### No. of Positions:

16 (2 x 8) Positions

##### Housing Material:

PA66 GF35

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

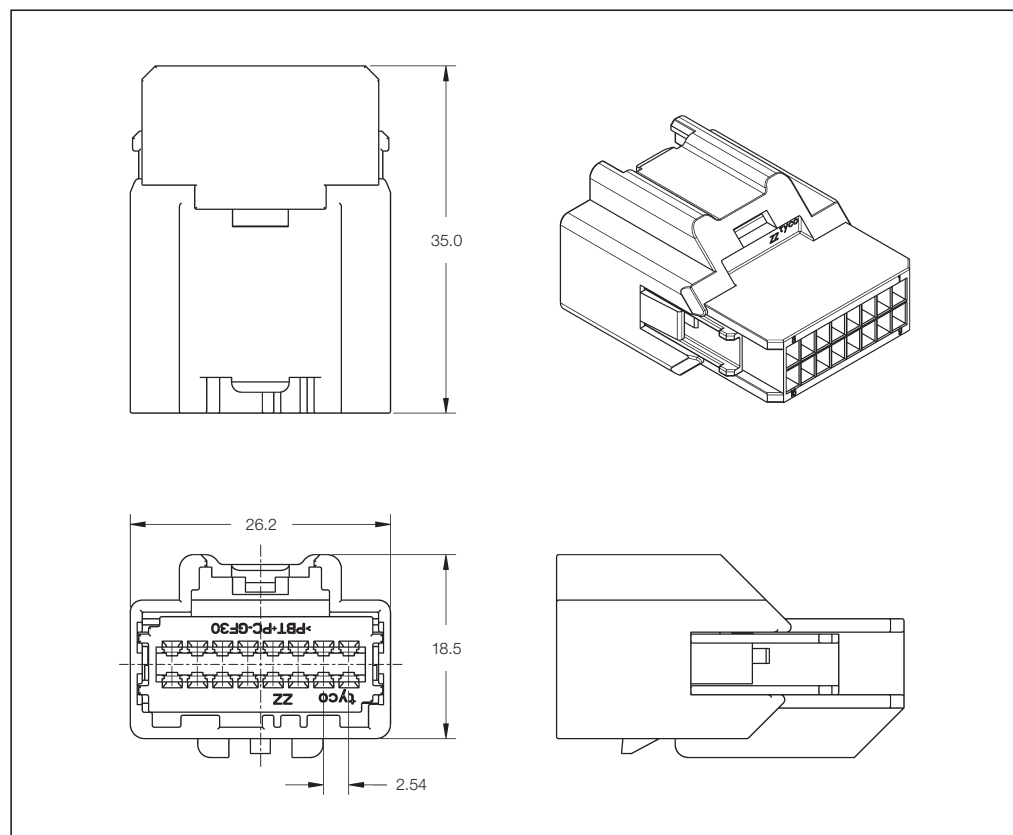
##### Product Specification:

114-13060

##### Application Specifications:

408-8955

408-8600



### Unsealed Pin Housings 2-Rows

| No. of Positions | Keying Options | Housing Color | Part Numbers |       |                |                 |                           |
|------------------|----------------|---------------|--------------|-------|----------------|-----------------|---------------------------|
|                  |                |               | Pin Housing  | Cover | Locking Device | Cover and Lever | Mating Receptacle Housing |
| 16 (2 x 8)       | A              | Black         | 6-1419167-1  | –     | –              | –               | 1419171-9<br>9-1419170-1  |
|                  |                | Gray          | 1411367-1    | –     | –              | –               | 1411369-1                 |
|                  | C              | Black         | 5-1419167-5  | –     | –              | –               | 1419171-3<br>8-1419170-5  |
|                  |                | Black         | 5-1419167-6  | –     | –              | –               | 1419171-4<br>8-1419170-6  |
|                  | E              | Black         | 5-1419167-7  | –     | –              | –               | 1419171-5<br>8-1419170-7  |
|                  |                | Black         | 5-1419167-8  | –     | –              | –               | 1419171-6<br>8-1419170-8  |
|                  | F              | Black         | 5-1419167-7  | –     | –              | –               | 1419171-5<br>8-1419170-7  |
|                  |                | Black         | 5-1419167-8  | –     | –              | –               | 1419171-6<br>8-1419170-8  |
|                  | F              | Black         | 5-1419167-7  | –     | –              | –               | 1419171-5<br>8-1419170-7  |
|                  |                | Black         | 5-1419167-8  | –     | –              | –               | 1419171-6<br>8-1419170-8  |

### Unsealed Pin Housings 2-Rows

#### Technical Features

##### No. of Positions:

16 (2 x 8) Positions,  
Special Version with  
Mounting Ears

##### Housing Material:

PA66 GF35

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

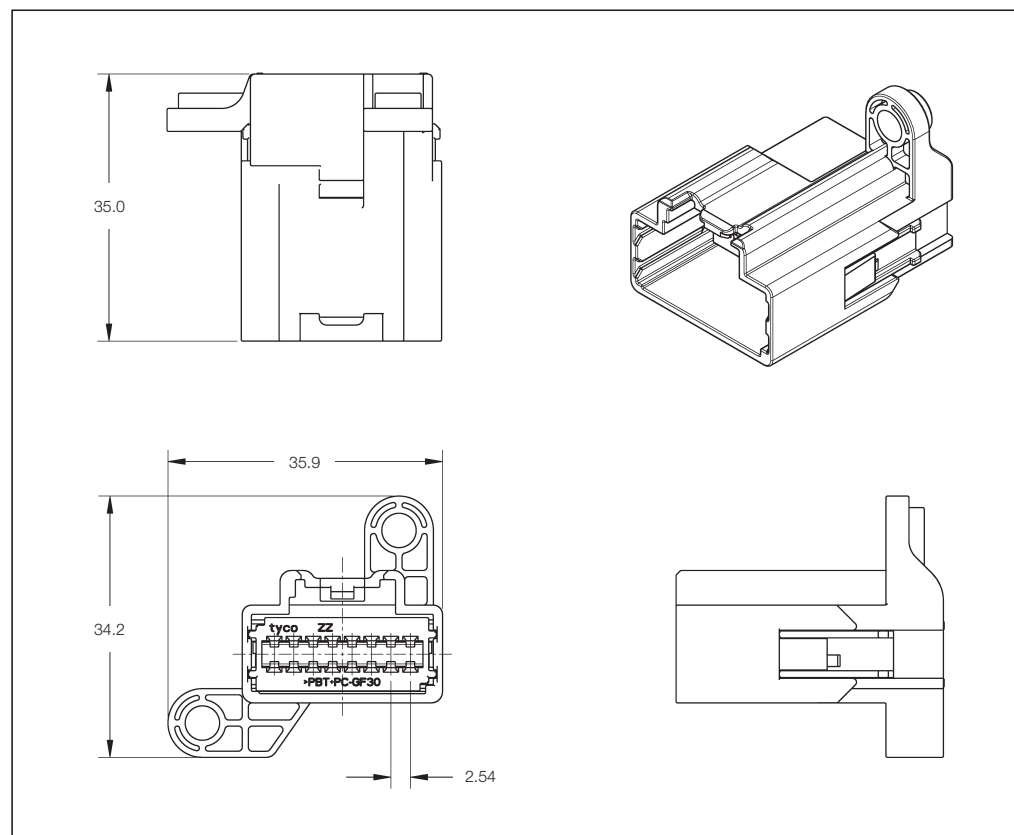
##### Product Specification:

114-13060

##### Application Specifications:

408-8955

408-8600



### Unsealed Pin Housings 2-Rows

| No. of Positions | Keying Options | Housing Color | Part Numbers |       |                |                 |                           |
|------------------|----------------|---------------|--------------|-------|----------------|-----------------|---------------------------|
|                  |                |               | Pin Housing  | Cover | Locking Device | Cover and Lever | Mating Receptacle Housing |
| 16 (2 x 8)       | A              | Black         | 1438170-1    | –     | –              | –               | 1488573-1                 |

### Unsealed Pin Housings 2-Rowss

#### Technical Features

##### No. of Positions:

22 (2 x 11) Positions

##### Housing Material:

PA66 GF35

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

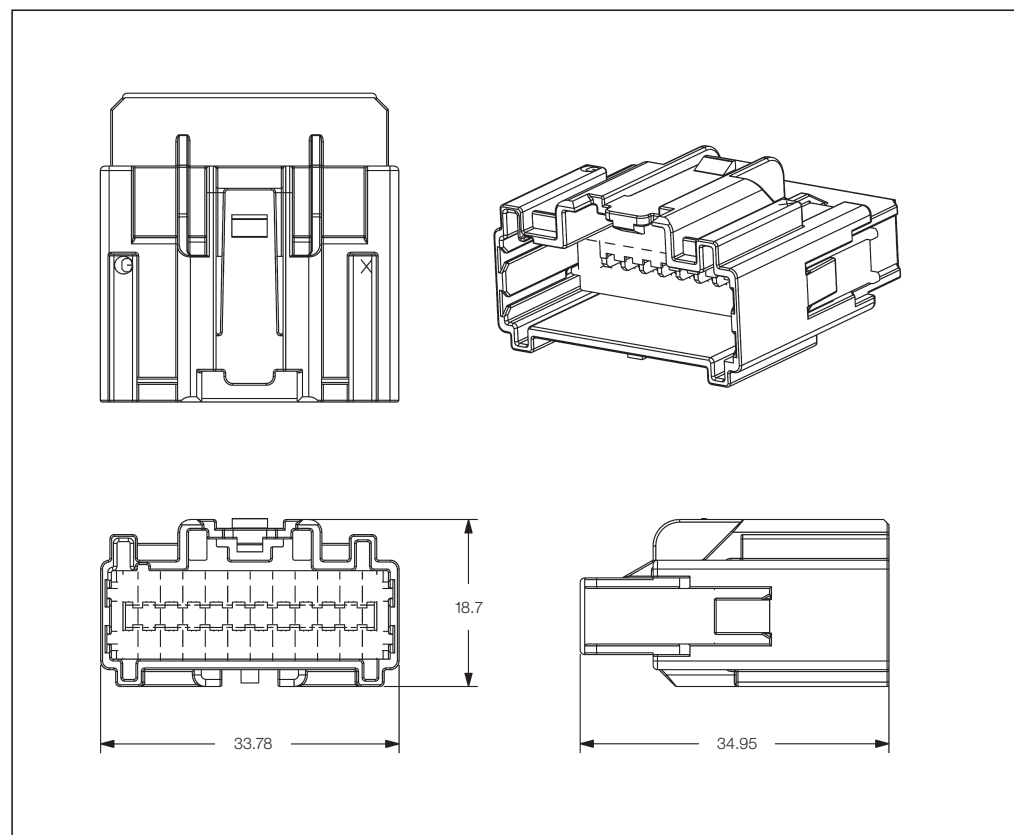
##### Product Specification:

114-13060

##### Application Specifications:

408-8955

408-8600



### Unsealed Pin Housings 2-Rows

| No. of Positions | Keying Options | Housing Color | Part Numbers |       |                |                 |                           |
|------------------|----------------|---------------|--------------|-------|----------------|-----------------|---------------------------|
|                  |                |               | Pin Housing  | Cover | Locking Device | Cover and Lever | Mating Receptacle Housing |
| 22 (2 x 11)      | A              | Black         | 2-1419158-8  | –     | –              | –               | 1-1419158-7               |
|                  |                |               |              |       |                |                 | 1420011-1                 |
|                  | B              | Black         | 2-1419158-7  | –     | –              | –               | 3-1419158-0               |
|                  |                |               |              |       |                |                 | 1420011-2                 |
|                  | C              | Black         | 2-1419158-6  | –     | –              | –               | 2-1419158-9               |
|                  |                |               |              |       |                |                 | 1420011-3                 |

### Unsealed Pin Housings (Special Hybrid)

#### Technical Features

##### No. of Positions:

60 Positions Hybrid  
34 x GET.64 Terminal  
2 x 1.5 mm Terminal  
24 x 2.8 mm Terminal

##### Housing Material:

PA66 GF35

##### Wire Size Range:

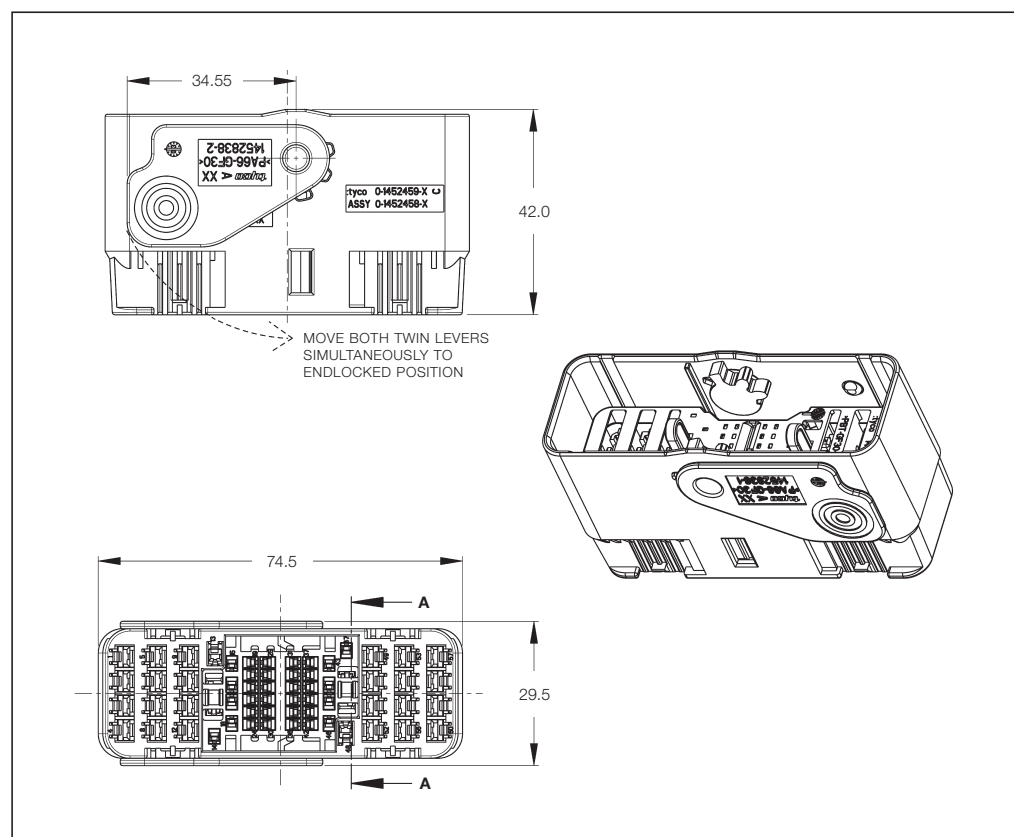
0.22–0.75 mm<sup>2</sup>

##### Product Specification:

108-18836

##### Application Specification:

114-18525



### Unsealed Pin Housings (Special Hybrid)

| No. of Positions | Keying Options | Housing Color | Part Numbers |           |                |                 |                           |
|------------------|----------------|---------------|--------------|-----------|----------------|-----------------|---------------------------|
|                  |                |               | Pin Housing  | Cover     | Locking Device | Cover and Lever | Mating Receptacle Housing |
| 60               | A              | Black         | 1452458-1    | 1452462-3 | –              | –               | 1452454-1                 |

### Unsealed Printed Circuit Board Headers 1-Row

#### Technical Features

##### No. of Positions:

2 (1 x 2) Positions

##### Housing Material:

PA66 GF35

##### Wire Size Range:

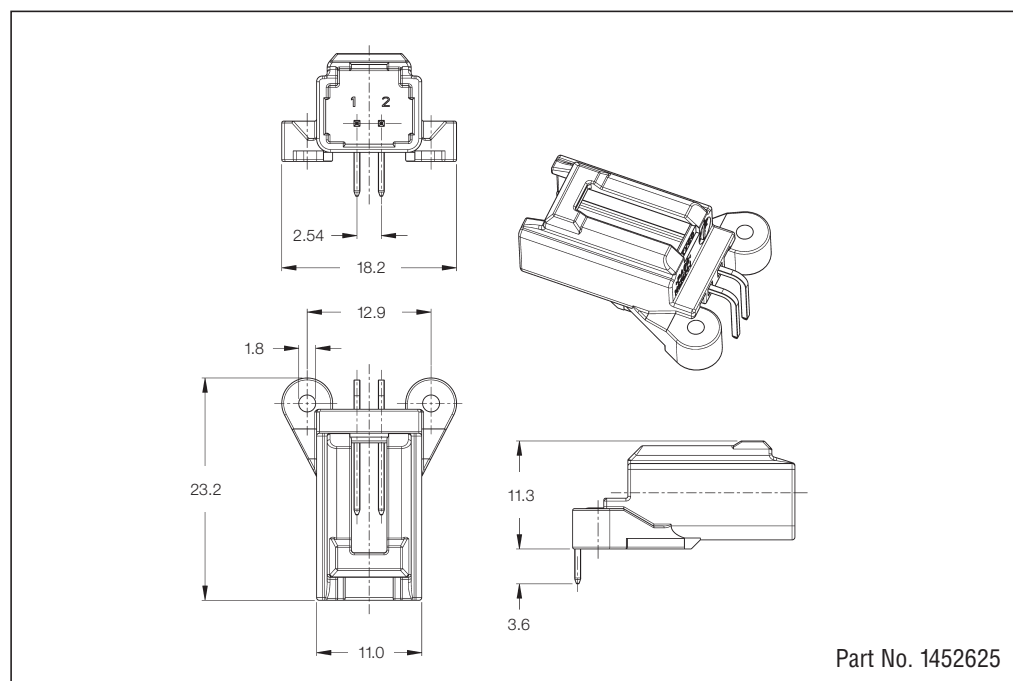
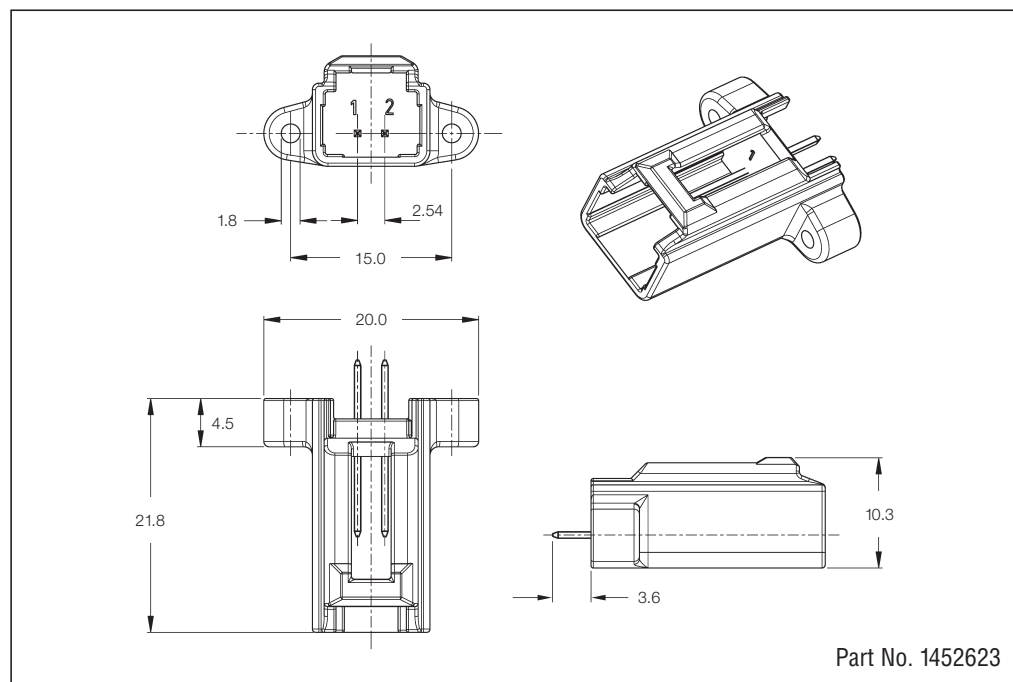
Brass with Tin Finish

##### Product Specification:

—

##### Application Specification:

—



### Unsealed Printed Circuit Board Headers 1-Row

| No. of Positions | Housing Color | Part Numbers           |                     |       |                 |                  |                           |
|------------------|---------------|------------------------|---------------------|-------|-----------------|------------------|---------------------------|
|                  |               | PCB Header Right-Angle | PCB Header Vertical | Cover | Cover and Lever | Retainer Housing | Mating Receptacle Housing |
| 2 (1 x 2)        | Black         | 1452625-1              | 1452623-1           | —     | —               | —                | 1452598-1                 |

**Note:** All Part Numbers are RoHS and ELV compliant.

### Unsealed Printed Circuit Board Headers 1-Row – Surface Mount Technology

#### Technical Features

##### No. of Positions:

6 (1 x 6) Positions

##### Housing Material:

PCT GF30

##### Wire Size Range:

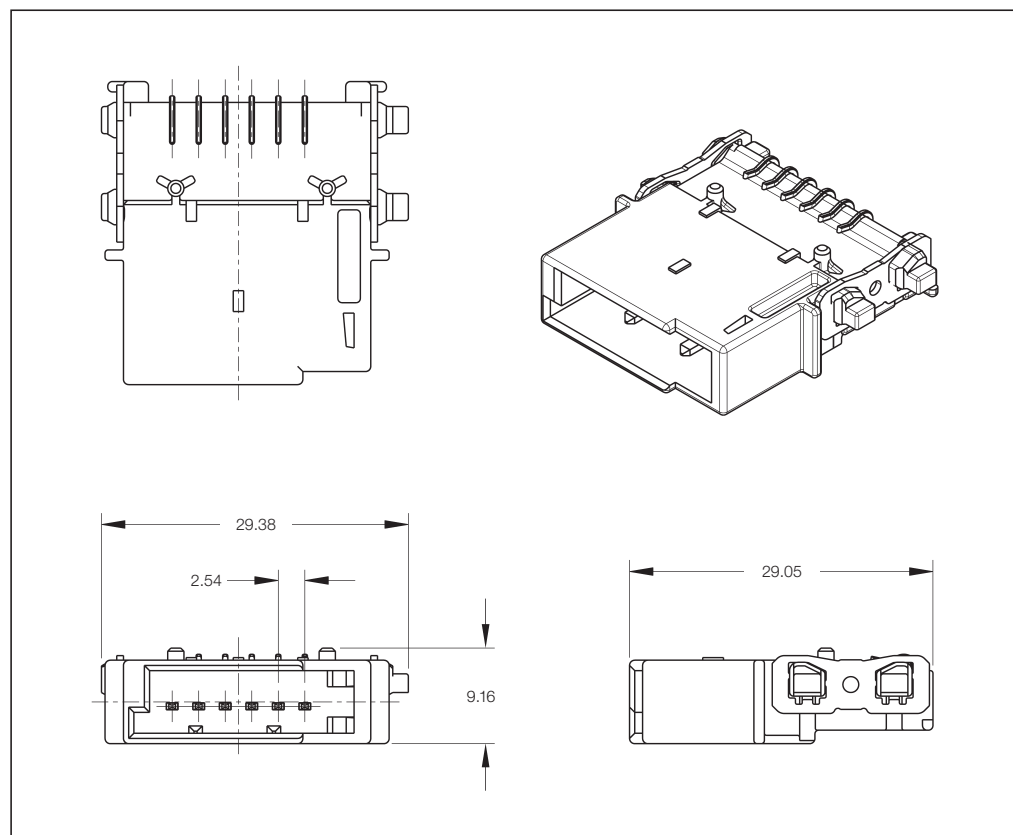
Brass with Tin Finish

##### Product Specification:

—

##### Application Specification:

114-13230



### Unsealed Printed Circuit Board Headers 1-Row – Surface Mount Technology

| No. of Positions | Housing Color | Part Numbers           |                     |       |                 |                  |                           |
|------------------|---------------|------------------------|---------------------|-------|-----------------|------------------|---------------------------|
|                  |               | PCB Header Right-Angle | PCB Header Vertical | Cover | Cover and Lever | Retainer Housing | Mating Receptacle Housing |
| 6 (1 x 6)        | Black         | 1927688-3              | —                   | —     | —               | —                | 1488752-3                 |

**Note:** All Part Numbers are RoHS and ELV compliant.

### Sealed Receptacle Housings 1-Row

#### Technical Features

##### No. of Positions:

4 (1 x 4) Positions

##### Housing Material:

PA66 GF35

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

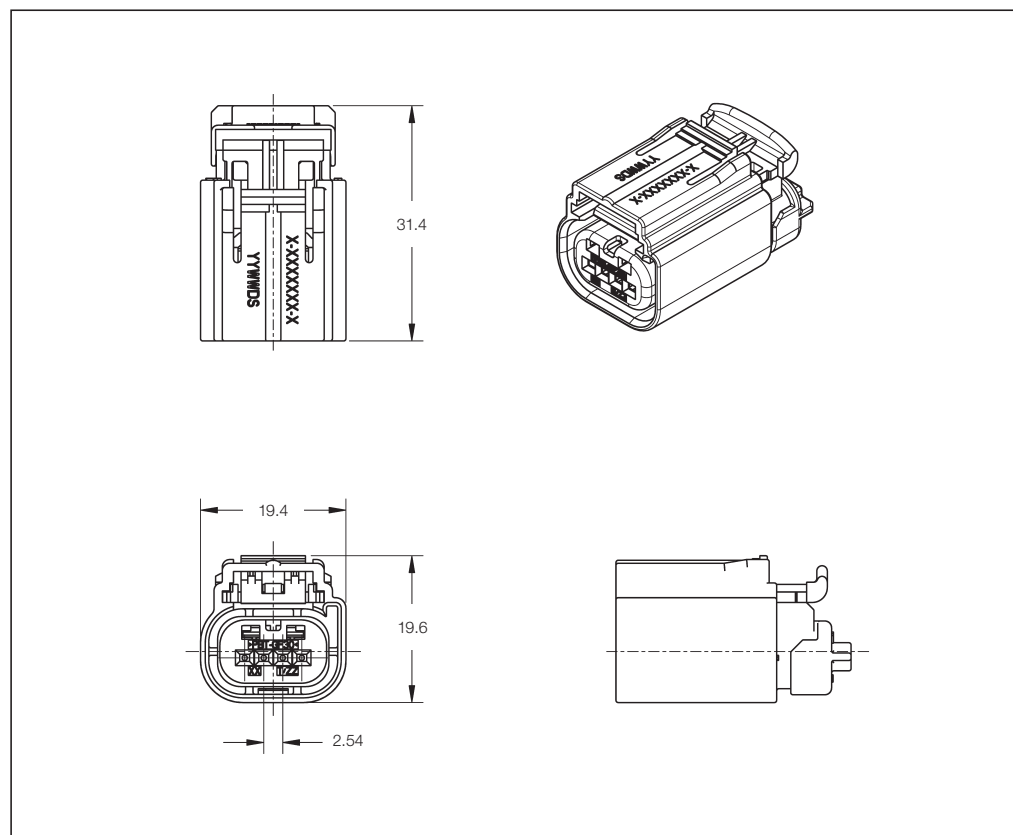
##### Product Specifications:

114-13150

114-13060

##### Application Specification:

408-8598



#### Sealed Receptacle Housings 1-Row with CPA

| No. of Positions | Keying Options   | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|------------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                  |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 4 (1 x 4)        | A                | Gray          | 9-1419167-8        | –     | –              | –               | –                  | –                             | –                          |
|                  | B                | Gray          | 9-1419167-9        | –     | –              | –               | –                  | –                             | –                          |
|                  |                  |               | 1719256-1          | –     | –              | –               | –                  | –                             | –                          |
|                  | A with 2 blocked | Gray          | 1438188-1          | –     | –              | –               | –                  | –                             | –                          |

#### Sealed Receptacle Housings 1-Row without CPA

| No. of Positions | Keying Options   | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|------------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                  |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 4 (1 x 4)        | A                | Gray          | 9-1419167-0        | –     | –              | –               | –                  | –                             | –                          |
|                  | B                | Gray          | 9-1419167-1        | –     | –              | –               | –                  | –                             | –                          |
|                  | A with 1 blocked | Gray          | 9-1419167-5        | –     | –              | –               | –                  | –                             | –                          |
|                  |                  |               | –                  | –     | –              | –               | –                  | –                             | –                          |

### Sealed Receptacle Housings 1-Row

#### Technical Features

##### No. of Positions:

6 (1 x 6) Positions

##### Housing Material:

PA66 GF35

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

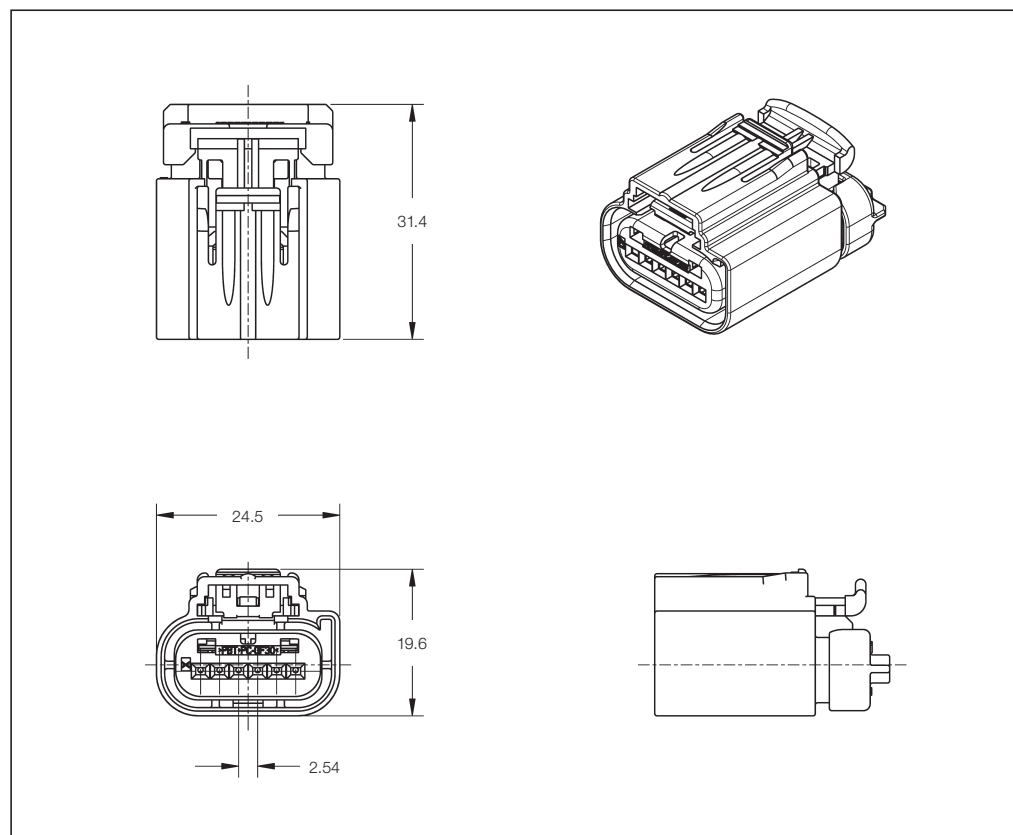
##### Product Specifications:

114-13150

114-13060

##### Application Specification:

408-8598



### Sealed Receptacle Housings 1-Row with CPA

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 6 (1 x 6)        | A              | Black         | 1-1419168-1        |       |                |                 |                    |                               |                            |
|                  | B              | Black         | 1-1419168-2        | –     | –              | –               | –                  | –                             | –                          |
|                  | C              | Black         | 1-1419168-3        |       |                |                 |                    |                               |                            |
|                  | D              | Black         | 1-1419168-4        |       |                |                 |                    |                               |                            |
|                  | A              | Black         | 1438153-4          | –     | –              | –               | –                  | –                             | –                          |
|                  | with 1 blocked |               | 1438153-1          |       |                |                 |                    |                               |                            |
|                  | with 2 blocked |               |                    |       |                |                 |                    |                               |                            |
|                  | B              | Black         | 1438153-6          | –     | –              | –               | –                  | –                             | –                          |
|                  | with 1 blocked |               | 1438153-5          |       |                |                 |                    |                               |                            |
|                  | with 2 blocked |               | 1438153-2          |       |                |                 |                    |                               |                            |
|                  | with 3 blocked |               |                    |       |                |                 |                    |                               |                            |

### Sealed Receptacle Housings 1-Row without CPA

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 6 (1 x 6)        | A              | Black         | 1419168-7          |       |                |                 |                    |                               |                            |
|                  | B              | Black         | 1419168-8          | –     | –              | –               | –                  | –                             | –                          |
|                  | C              | Black         | 1419168-9          |       |                |                 |                    |                               |                            |
|                  | D              | Black         | 1-1419168-0        |       |                |                 |                    |                               |                            |
|                  | A              | Black         | 1438153-3          | –     | –              | –               | –                  | –                             | –                          |
|                  | with 1 blocked |               |                    |       |                |                 |                    |                               |                            |
|                  | with 2 blocked |               |                    |       |                |                 |                    |                               |                            |
|                  | B              | Black         | 1438153-7          | –     | –              | –               | –                  | –                             | –                          |
|                  | with 1 blocked |               |                    |       |                |                 |                    |                               |                            |
|                  | with 2 blocked |               |                    |       |                |                 |                    |                               |                            |

### Sealed Receptacle Housings 2-Rows

#### Technical Features

##### No. of Positions:

8 (2 x 4) Positions Assy

##### Housing Material:

PA66 GF35

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

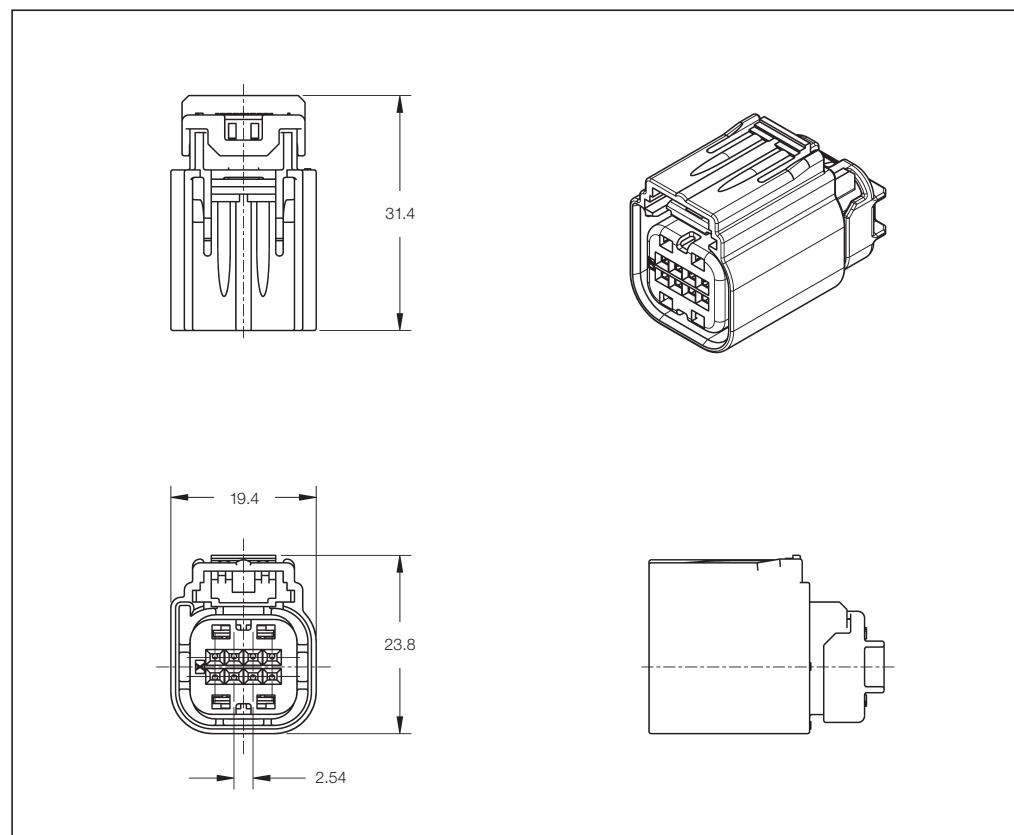
##### Product Specifications:

114-13150

114-13060

##### Application Specification:

408-8598



#### Sealed Receptacle Housings 2-Row with CPA

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 8 (2 x 4)        | A              | Black         | 3-1419168-4        |       |                |                 |                    |                               |                            |
|                  | B              | Black         | 3-1419168-5        | –     | –              | –               | –                  | –                             | –                          |
|                  | C              | Black         | 3-1419168-6        |       |                |                 |                    |                               |                            |
|                  | D              | Black         | 3-1419168-7        |       |                |                 |                    |                               |                            |

#### Sealed Receptacle Housings 2-Row without CPA

| No. of Positions | Keying Options   | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|------------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                  |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 8 (2 x 4)        | A                | Black         | 2-1419168-1        |       |                |                 |                    |                               |                            |
|                  | B                | Black         | 1411001-1          | –     | –              | –               | –                  | –                             | –                          |
|                  | C                | Black         | 2-1419168-3        |       |                |                 |                    |                               |                            |
|                  | D                | Black         | 2-1419168-4        |       |                |                 |                    |                               |                            |
|                  | B with 2 blocked | Black         | 1411001-2          | –     | –              | –               | –                  | –                             | –                          |

### Sealed Receptacle Housings 2-Rows

#### Technical Features

##### No. of Positions:

16 (2 x 8) Positions Assy

##### Housing Material:

PA66 GF35

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

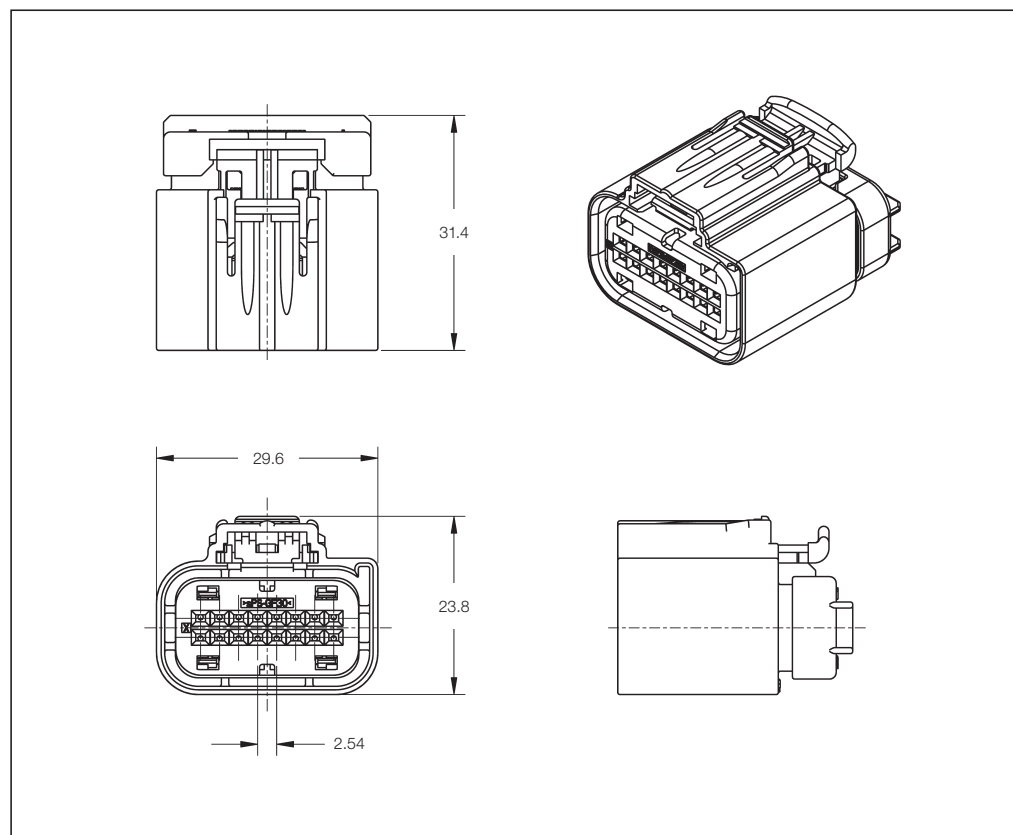
##### Product Specifications:

114-13150

114-13060

##### Application Specification:

408-8598



#### Sealed Receptacle Housings 2-Row with CPA

| No. of Positions | Keying Options                        | Housing Color | Part Numbers           |       |                |                 |                    |                               |                            |
|------------------|---------------------------------------|---------------|------------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                                       |               | Receptacle Housing     | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 18 (2 x 9)       | A                                     | Black         | 5-1419168-8            | –     | –              | –               | –                  | –                             | –                          |
|                  | B                                     | Black         | 5-1419168-9            | –     | –              | –               | –                  | –                             | –                          |
|                  | A<br>with 7 blocked<br>with 8 blocked | Black         | 1438031-5<br>1438031-6 | –     | –              | –               | –                  | –                             | –                          |

#### Sealed Receptacle Housings 2-Row without CPA

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 16 (2 x 8)       | A              | Black         | 1438031-1          | –     | –              | –               | –                  | –                             | –                          |
|                  | B              | Black         | 1438031-2          |       |                |                 |                    |                               |                            |
|                  | C              | Black         | 1438031-3          |       |                |                 |                    |                               |                            |
|                  | D              | Black         | 1438031-4          |       |                |                 |                    |                               |                            |

### Sealed Receptacle Housings 2-Rows

#### Technical Features

##### No. of Positions:

18 (2 x 9) Positions Assy  
without CPA

##### Housing Material:

PA66 GF35

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

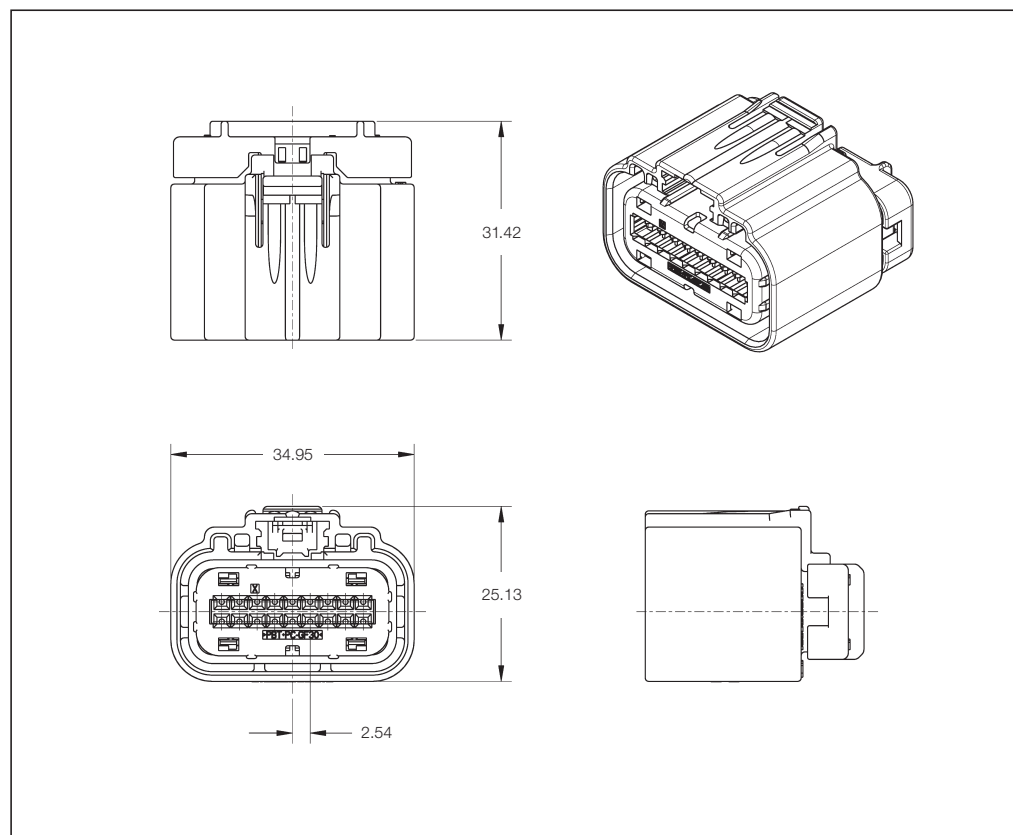
##### Product Specifications:

114-13150

114-13060

##### Application Specification:

408-8598



### Sealed Receptacle Housings 2-Row

| No. of Positions | Keying Options  | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|-----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                 |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 18 (2 x 9)       | A               | Black         | 1488533-5          |       |                |                 |                    |                               |                            |
|                  | B               | Black         | 1488533-6          | –     | –              | –               | –                  | –                             | –                          |
|                  | C               | Black         | 1488533-7          |       |                |                 |                    |                               |                            |
|                  | D               | Black         | 1488533-8          |       |                |                 |                    |                               |                            |
|                  | A               | Black         | 1-1438533-3        |       |                |                 |                    |                               |                            |
|                  | with 2 blocked  |               | 1-1438533-4        |       |                |                 |                    |                               |                            |
|                  | with 3 blocked  |               | 1-1438533-7        | –     | –              | –               | –                  | –                             | –                          |
|                  | with 5 blocked  |               | 1438533-9          |       |                |                 |                    |                               |                            |
|                  | with 8 blocked  |               | 1-1488533-9        |       |                |                 |                    |                               |                            |
|                  | with 9 blocked  |               | 2-1438533-1        |       |                |                 |                    |                               |                            |
|                  | with 13 blocked |               |                    |       |                |                 |                    |                               |                            |

### Sealed Receptacle Housings 4-Rows with CPA

#### Technical Features

##### No. of Positions:

20 Positions Assy  
(depop 24 pos.)  
with 5 Shorting Bars

##### Housing Material:

PA66 GF35

##### Wire Size Range:

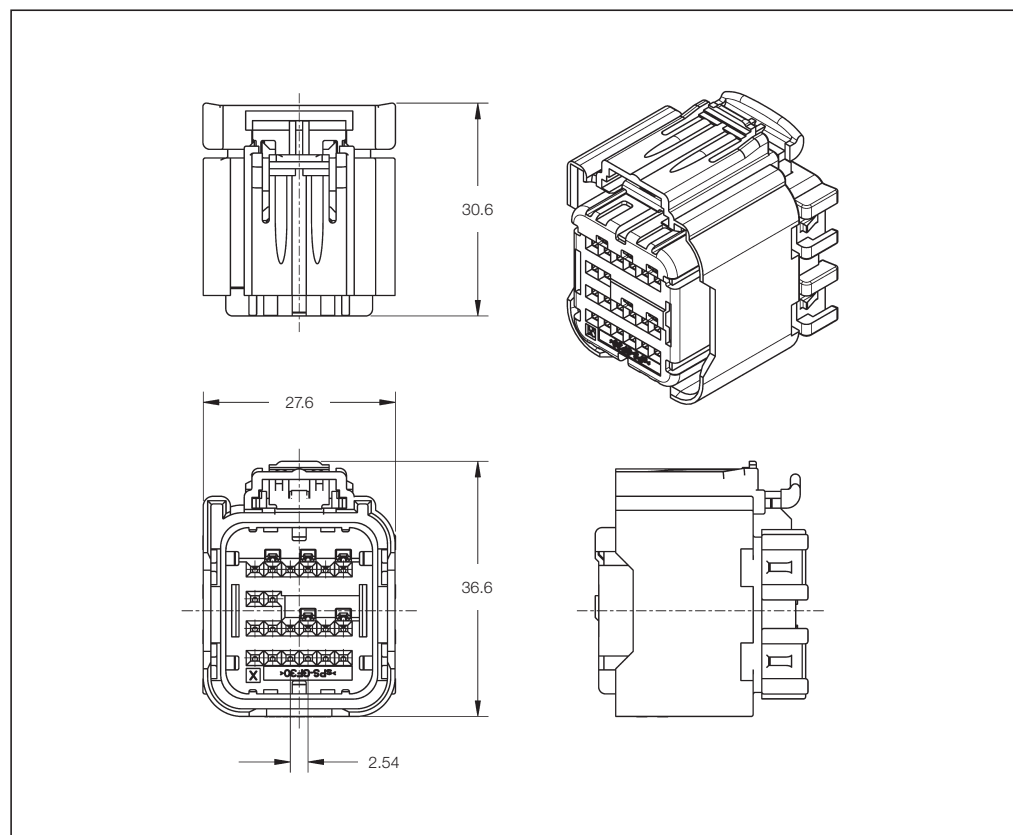
0.22–0.75 mm<sup>2</sup>

##### Product Specifications:

114-13150  
114-13060

##### Application Specification:

408-8598



### Sealed Receptacle Housings 4-Rows with CPA

| No. of Positions | Keying Options | Housing Color        | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|----------------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |                      | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 20               | A              | see Customer Drawing | 1924672-1 / -9     |       |                |                 |                    |                               |                            |
|                  |                |                      | 1-1924672-0 / -9   |       |                |                 |                    |                               |                            |
|                  |                |                      | 2-1924672-0 / -7   | –     | –              | –               | –                  | 8-1419157-9                   | –                          |
|                  |                |                      | 2-1924672-9        |       |                |                 |                    |                               |                            |
|                  |                |                      | 3-1924672-2 / -7   |       |                |                 |                    |                               |                            |
|                  | B              | see Customer Drawing | 2-1924672-8        | –     | –              | –               | –                  | 1438322-3                     | –                          |
|                  |                |                      | 3-1924672-0        |       |                |                 |                    |                               |                            |
|                  |                |                      |                    |       |                |                 |                    |                               |                            |

### Sealed Receptacle Housings 4-Rows without CPA

#### Technical Features

##### No. of Positions:

20 Positions Assy  
(depop 24 pos.)  
with 5 Shorting Bars

##### Housing Material:

PA66 GF35

##### Wire Size Range:

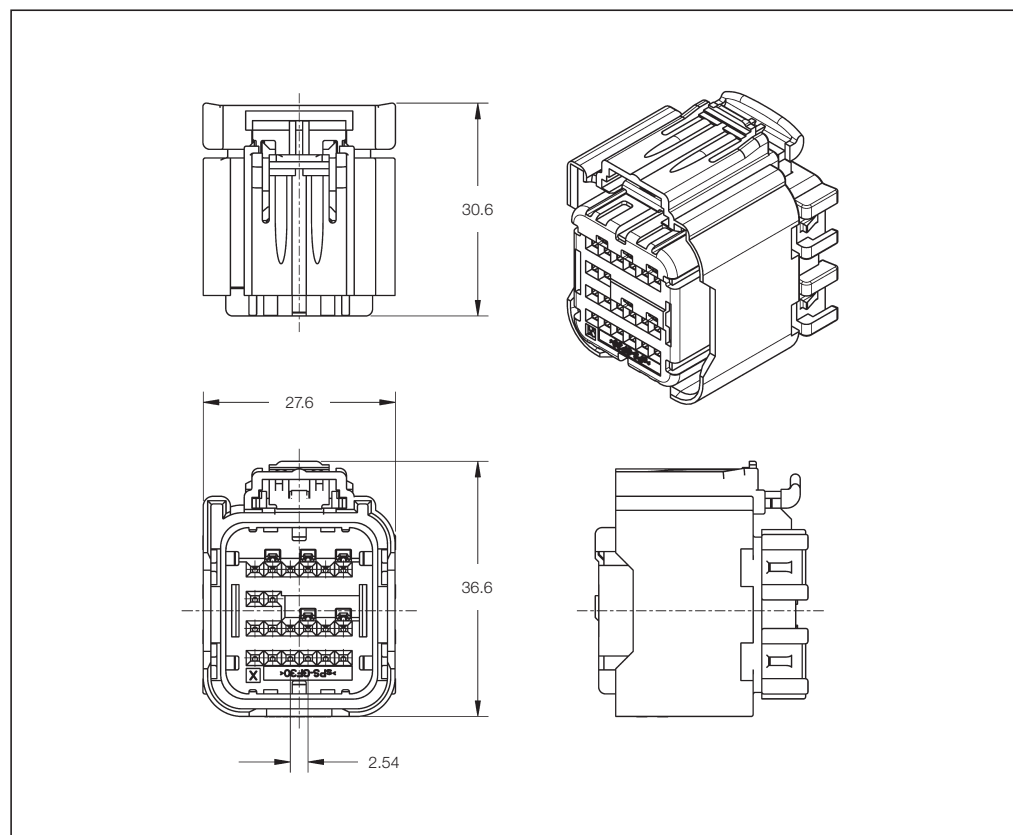
0.22–0.75 mm<sup>2</sup>

##### Product Specifications:

114-13150  
114-13060

##### Application Specification:

408-8598



### Sealed Receptacle Housings 4-Rows without CPA

| No. of Positions | Keying Options | Housing Color        | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|----------------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |                      | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 20               | A              | see Customer Drawing | 1924670-1 / -9     |       |                |                 |                    |                               |                            |
|                  |                |                      | 1-1924670-0 / -9   |       |                |                 |                    |                               |                            |
|                  |                |                      | 2-1924670-0 / -9   |       |                |                 |                    |                               |                            |
|                  |                |                      | 3-1924670-0 / -9   | –     | –              | –               | –                  | 8-1419157-9                   | –                          |
|                  |                |                      | 4-1924670-0 / -9   |       |                |                 |                    |                               |                            |
|                  |                |                      | 5-1924670-0 / -9   |       |                |                 |                    |                               |                            |
|                  |                |                      | 6-1924670-0 / -6   |       |                |                 |                    |                               |                            |
|                  | B              | see Customer Drawing | 1924671-1 / -8     | –     | –              | –               | –                  | 1438322-3                     | –                          |
|                  | C              | see Customer Drawing | 1924680-1          | –     | –              | –               | –                  | 1438522-1                     | –                          |
|                  | D              | see Customer Drawing | 1924681-1          | –     | –              | –               | –                  | 1438522-6                     |                            |
|                  |                |                      |                    |       |                |                 |                    | 1438522-7                     | –                          |
|                  |                |                      |                    |       |                |                 |                    | 1438522-8                     |                            |

### Sealed Receptacle Housings 4-Rows

#### Technical Features

##### No. of Positions:

24 Positions Assy  
with selectively loaded  
Shorting Bars

##### Housing Material:

PA66 GF35

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

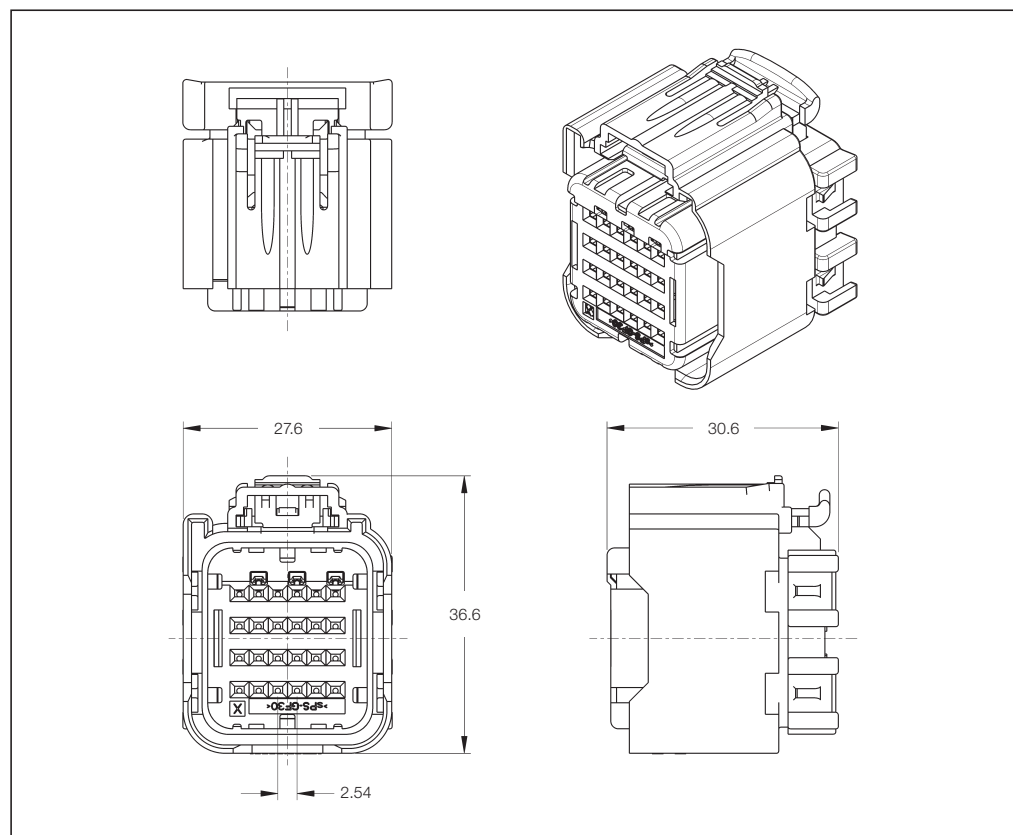
##### Product Specifications:

114-13150

114-13060

##### Application Specification:

408-8598



#### Sealed Receptacle Housings 4-Rows with CPA

| No. of Positions | Keying Options | Housing Color        | Part Numbers                       |       |                |                 |                    |                               |          |
|------------------|----------------|----------------------|------------------------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------|
|                  |                |                      | Receptacle Housing                 | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Vertical |
| 24               | A              | see Customer Drawing | 1924675-1 / -9<br>1-1924675-0 / -4 | –     | –              | –               | –                  | 1456777-1 / -2                | –        |

#### Sealed Receptacle Housings 4-Rows without CPA

| No. of Positions | Keying Options | Housing Color        | Part Numbers                       |       |                |                 |                    |                               |          |
|------------------|----------------|----------------------|------------------------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------|
|                  |                |                      | Receptacle Housing                 | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Vertical |
| 24               | A              | see Customer Drawing | 1924674-1 / -9<br>1-1924674-0 / -2 | –     | –              | –               | –                  | 1456777-1 / -2                | –        |

### Sealed Receptacle Housings 4-Rows

#### Technical Features

##### No. of Positions:

24 Positions Assy  
without Shorting Bars  
without CPA

##### Housing Material:

PA66 GF35

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

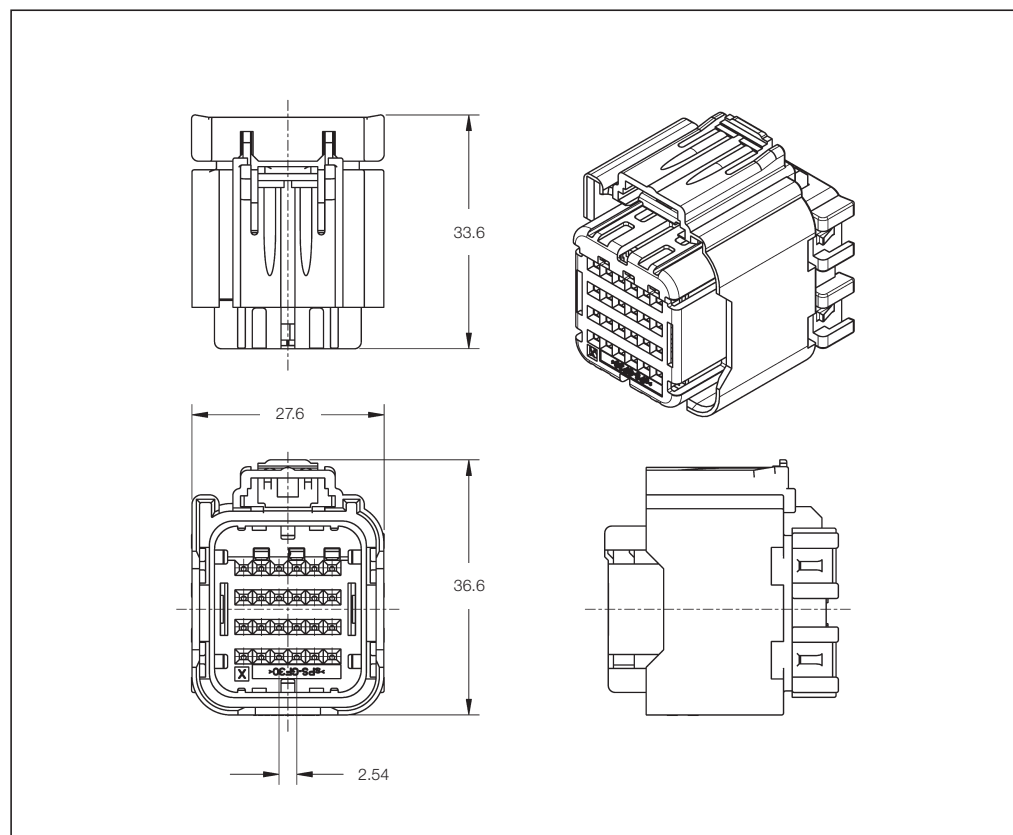
##### Product Specifications:

114-13150

114-13060

##### Application Specification:

408-8598



### Sealed Receptacle Housings 4-Rows without CPA

| No. of Positions | Keying Options | Housing Color        | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|----------------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |                      | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 24               | A              | see Customer Drawing | 3-1417171-9        | –     | –              | –               | –                  | 1456777-1 / -2                | –                          |
|                  |                |                      | 7-1419157-9        |       |                |                 |                    |                               |                            |
|                  |                |                      | 1438103-1 / -9     |       |                |                 |                    |                               |                            |
|                  |                |                      | 1-1438103-0 / -7   |       |                |                 |                    |                               |                            |
|                  | B              | see Customer Drawing | 4-1419171-0        | –     | –              | –               | –                  | –                             | –                          |
|                  |                |                      | 1438095-2 / -9     |       |                |                 |                    |                               |                            |
|                  |                |                      | 1-1438095-0 / -9   |       |                |                 |                    |                               |                            |
|                  |                |                      | 2-1438095-0 / -3   |       |                |                 |                    |                               |                            |
|                  | C              | see Customer Drawing | 4-1419171-1        | –     | –              | –               | –                  | –                             | –                          |
|                  |                |                      | 1438096-2 / -9     |       |                |                 |                    |                               |                            |
|                  |                |                      | 1-1438096-0 / -4   |       |                |                 |                    |                               |                            |
|                  | D              | see Customer Drawing | 1438356-1 / -9     | –     | –              | –               | –                  | –                             | –                          |
|                  |                |                      | 1-1438356-0 / -2   |       |                |                 |                    |                               |                            |
|                  | E              | see Customer Drawing | 1438582-1          | –     | –              | –               | –                  | –                             | –                          |
|                  |                |                      | 1438582-2          |       |                |                 |                    |                               |                            |
|                  |                |                      | 1438582-3          |       |                |                 |                    |                               |                            |
|                  | F              | see Customer Drawing | 1438583-1          | –     | –              | –               | –                  | –                             | –                          |
|                  |                |                      | 1438583-2          |       |                |                 |                    |                               |                            |
|                  |                |                      | 1438583-3          |       |                |                 |                    |                               |                            |

### Sealed Receptacle Housings – Multiple Rows

#### Technical Features

##### No. of Positions:

30 Positions Assy  
22 x GET.64 Terminal  
8 x 1.5 mm Terminal  
with Lever

##### Housing Material:

PA66 GF35

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

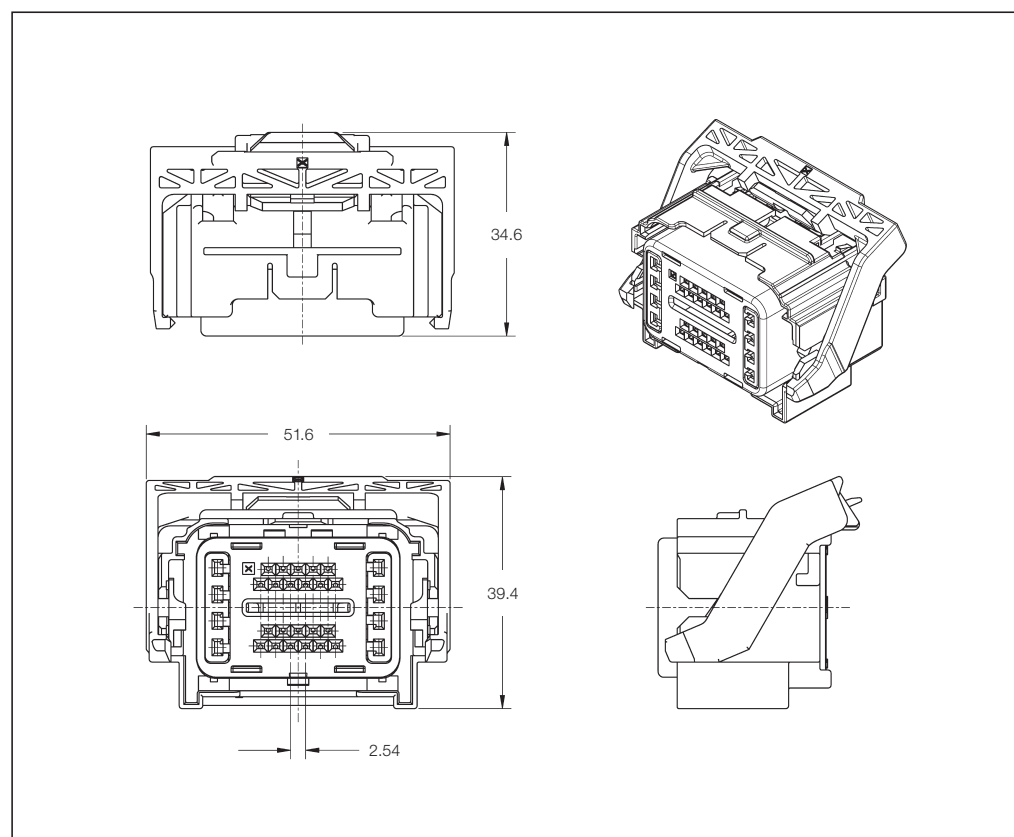
##### Product Specifications:

114-13150

114-13060

##### Application Specification:

408-8598



### Sealed Receptacle Housings – Multiple Rows

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 30               | A              | Black         | 1438083-1          | –     | –              | –               | –                  | –                             | 1438087-1                  |

### Sealed Receptacle Housings 4-Rows

#### Technical Features

##### No. of Positions:

38 Positions Assy  
(depop 40 pos.)  
with 6 Shorting Bars

##### Housing Material:

PA66 GF35

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

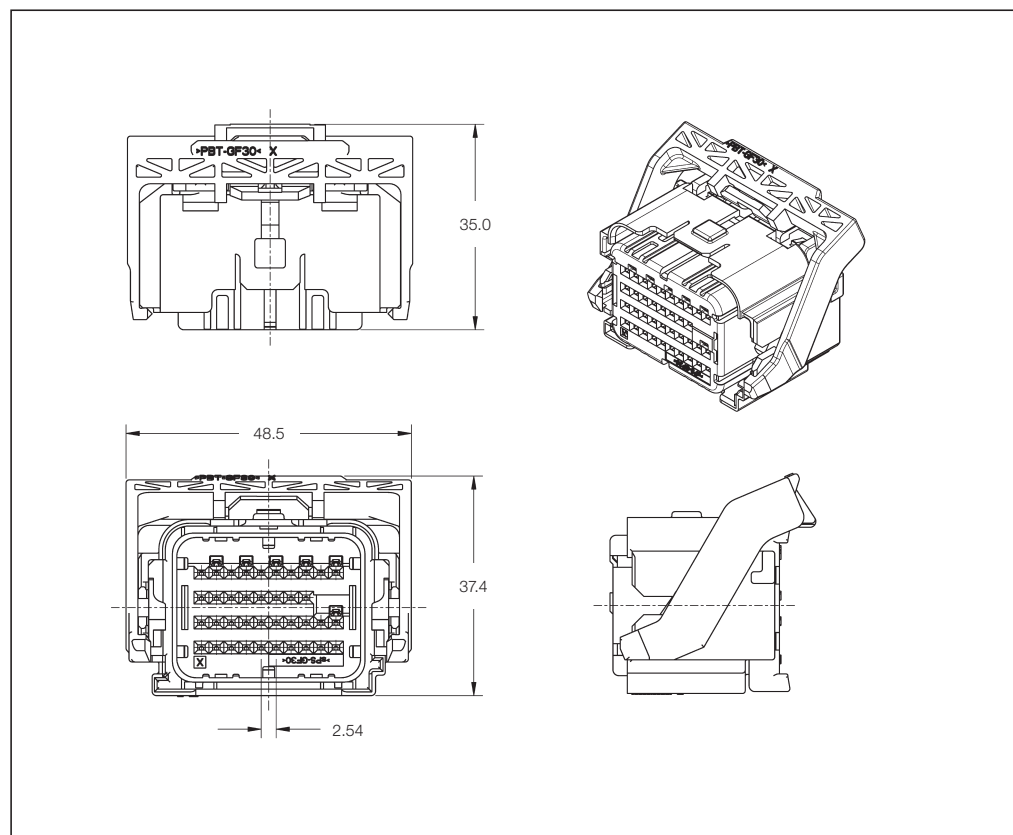
##### Product Specifications:

114-13150

114-13060

##### Application Specification:

408-8598



### Sealed Receptacle Housings 4-Rows with Standard Lever

| No. of Positions | Keying Options | Housing Color        | Part Numbers       |       |                |                 |                    |                               |                     |
|------------------|----------------|----------------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|---------------------|
|                  |                |                      | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | PCB Header Vertical |
| 38               | G              | see Customer Drawing | 7-1419157-9        |       |                |                 |                    |                               |                     |
|                  |                |                      | 8-1419157-0 / -6   | —     | —              | —               | —                  | —                             | —                   |
|                  |                |                      | 1438090-1 / -9     |       |                |                 |                    |                               |                     |
|                  |                |                      | 1-1438090-0 / -9   |       |                |                 |                    |                               |                     |
|                  |                |                      | 2-1438090-0 / -9   |       |                |                 |                    |                               |                     |
|                  |                |                      | 3-1438090-0 / -9   |       |                |                 |                    |                               |                     |
|                  |                |                      | 4-1438090-0 / -9   | —     | —              | —               | —                  | 8-1419157-9                   | —                   |
|                  |                |                      | 5-1438090-0 / -9   |       |                |                 |                    |                               |                     |
|                  |                |                      | 6-1438090-0 / -9   |       |                |                 |                    |                               |                     |
|                  |                |                      | 7-1438090-0 / -9   |       |                |                 |                    |                               |                     |
|                  |                |                      | 8-1438090-0 / -9   |       |                |                 |                    |                               |                     |
|                  |                |                      | 9-1438090-0 / -9   |       |                |                 |                    |                               |                     |
|                  |                |                      | 1456897-1 / -9     |       |                |                 |                    |                               |                     |
|                  |                |                      | H                  | Black | 1488339-1      | —               | —                  | —                             | —                   |
| J                | Black          | 1438485-1            | —                  | —     | —              | —               | 1438522-6          | —                             |                     |
| K                | Black          | 1438486-1            | —                  | —     | —              | —               | 1438522-7          | —                             |                     |

### Sealed Receptacle Housings 4-Rows

#### Technical Features

##### No. of Positions:

38 Positions Assy  
(depop 40 pos.)  
with 6 Shorting Bars

##### Housing Material:

PA66 GF35

##### Wire Size Range:

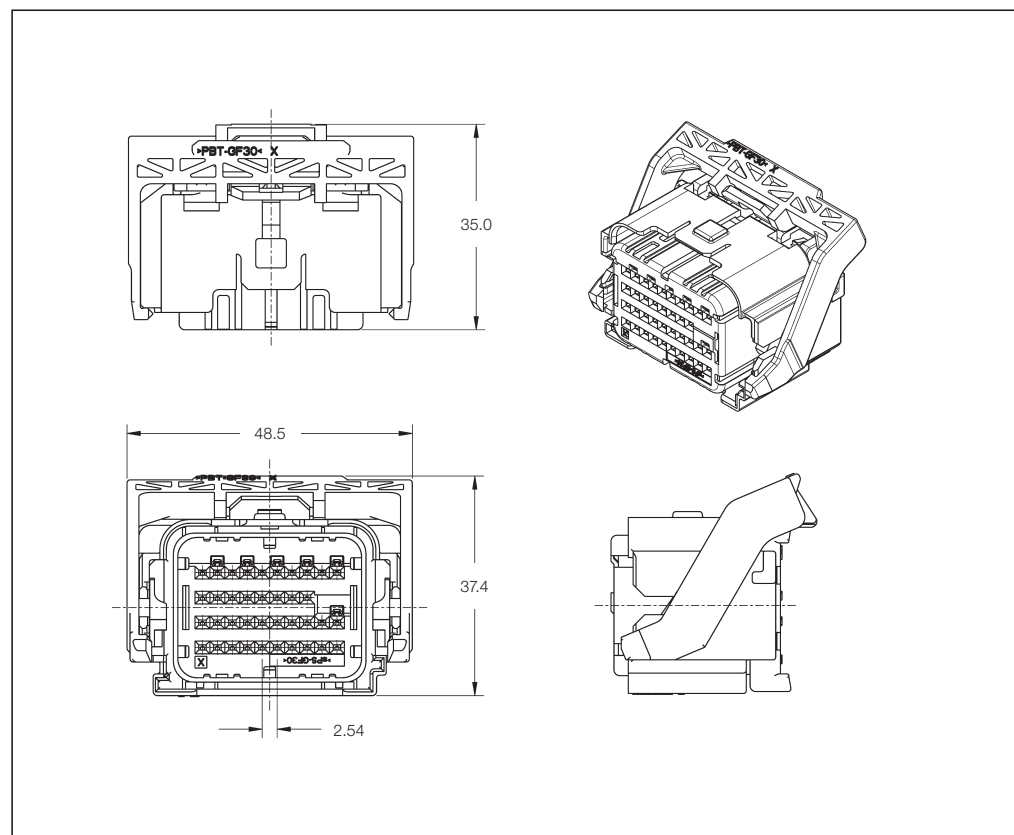
0.22–0.75 mm<sup>2</sup>

##### Product Specifications:

114-13150  
114-13060

##### Application Specification:

408-8598



### Sealed Receptacle Housings 4-Rows with Low Profile Lever

| No. of Positions | Keying Options | Housing Color        | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|----------------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |                      | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 38               | G              | see Customer Drawing | 1438397-1 / -9     | –     | –              | –               | –                  | 8-1419157-9                   | –                          |
|                  |                |                      | 1-1438397-0 / -3   |       |                |                 |                    |                               |                            |
|                  | H              | see Customer Drawing | 1438982-1 / -9     |       |                |                 |                    |                               |                            |
|                  |                |                      | 1-1438982-0 / -9   | –     | –              | –               | –                  | 1438322-3                     | –                          |
|                  |                |                      | 2-1438982-0 / -2   |       |                |                 |                    |                               |                            |

### Sealed Receptacle Housings 4-Rows

#### Technical Features

##### No. of Positions:

40 Positions Assy  
without Shorting Bars  
with Lever

##### Housing Material:

PA66 GF35

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

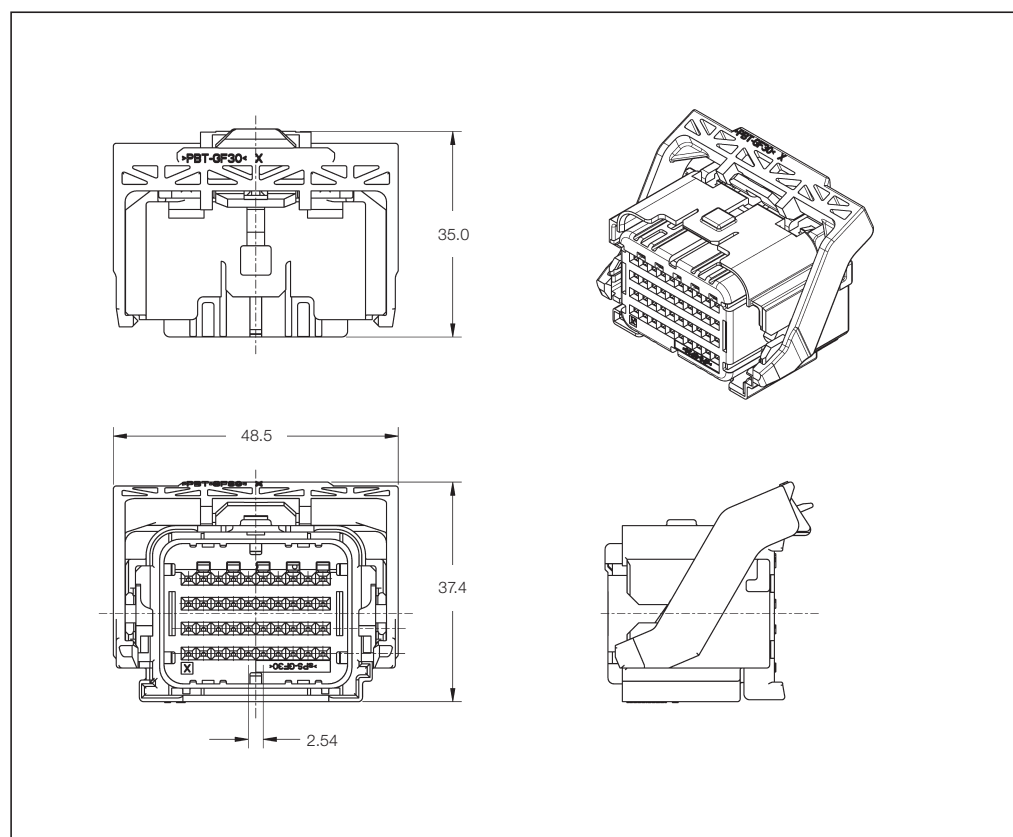
##### Product Specifications:

114-13150

114-13060

##### Application Specification:

408-8598



### Sealed Receptacle Housings 4-Row with Standard Lever

| No. of Positions | Keying Options | Housing Color        | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|----------------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |                      | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 40               | G              | Black                | 1438617-1          | –     | –              | –               | –                  | –                             | –                          |
|                  | H              | see Customer Drawing | 1438098-1 / -9     | –     | –              | –               | –                  | 1456777-2                     | –                          |
|                  |                |                      | 1-1438098-0 / -9   |       |                |                 |                    |                               |                            |
|                  |                |                      | 2-1438098-0 / -5   |       |                |                 |                    |                               |                            |
|                  | J              | see Customer Drawing | 1438099-1 / -9     | –     | –              | –               | –                  | 1456777-1                     | –                          |
|                  |                |                      | 1-1438099-0 / -9   |       |                |                 |                    |                               |                            |
|                  |                |                      | 2-1438099-0 / -9   |       |                |                 |                    |                               |                            |
|                  |                |                      | 3-1438099-0        |       |                |                 |                    |                               |                            |
|                  |                |                      | 3-1438099-1        |       |                |                 |                    |                               |                            |
|                  | K              | Black                | 1438679-1          | –     | –              | –               | –                  | –                             | –                          |
|                  | L              | see Customer Drawing | 1438435-1 / -9     | –     | –              | –               | –                  | –                             | –                          |

### Sealed Receptacle Housings 4-Rows

#### Technical Features

##### No. of Positions:

40 Positions Assy  
without Shorting Bars  
with Lever

##### Housing Material:

PA66 GF35

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

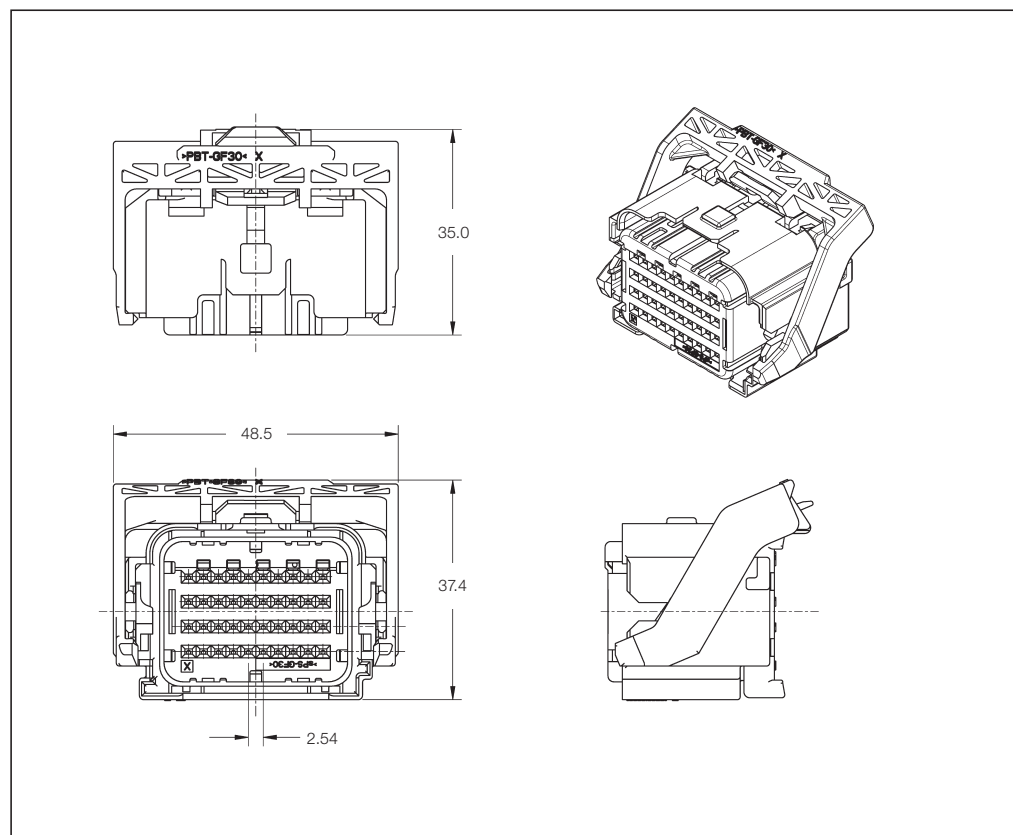
##### Product Specifications:

114-13150

114-13060

##### Application Specification:

408-8598



### Sealed Receptacle Housings 4-Row with Low Profile Lever

| No. of Positions | Keying Options | Housing Color        | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|----------------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |                      | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 40               | H              | see Customer Drawing | 2098034-1          | –     | –              | –               | –                  | 1456777-2                     | –                          |
|                  |                |                      | 1924513-1 / -9     |       |                |                 |                    |                               |                            |
|                  | J              | see Customer Drawing | 1-1924513-0 / -9   | –     | –              | –               | –                  | 1456777-1                     | –                          |
|                  |                |                      | 2-1924513-0 / -9   |       |                |                 |                    |                               |                            |
|                  |                |                      | 3-1924513-0 / -5   |       |                |                 |                    |                               |                            |

### Sealed Receptacle Housings – Multiple Rows

#### Technical Features

##### No. of Positions:

46 Positions Assy  
38 x GET.64 Terminal  
8 x 1.5 mm Terminal  
with Lever

##### Housing Material:

PA66 GF35

##### Wire Size Range:

0.22–0.75 mm<sup>2</sup>

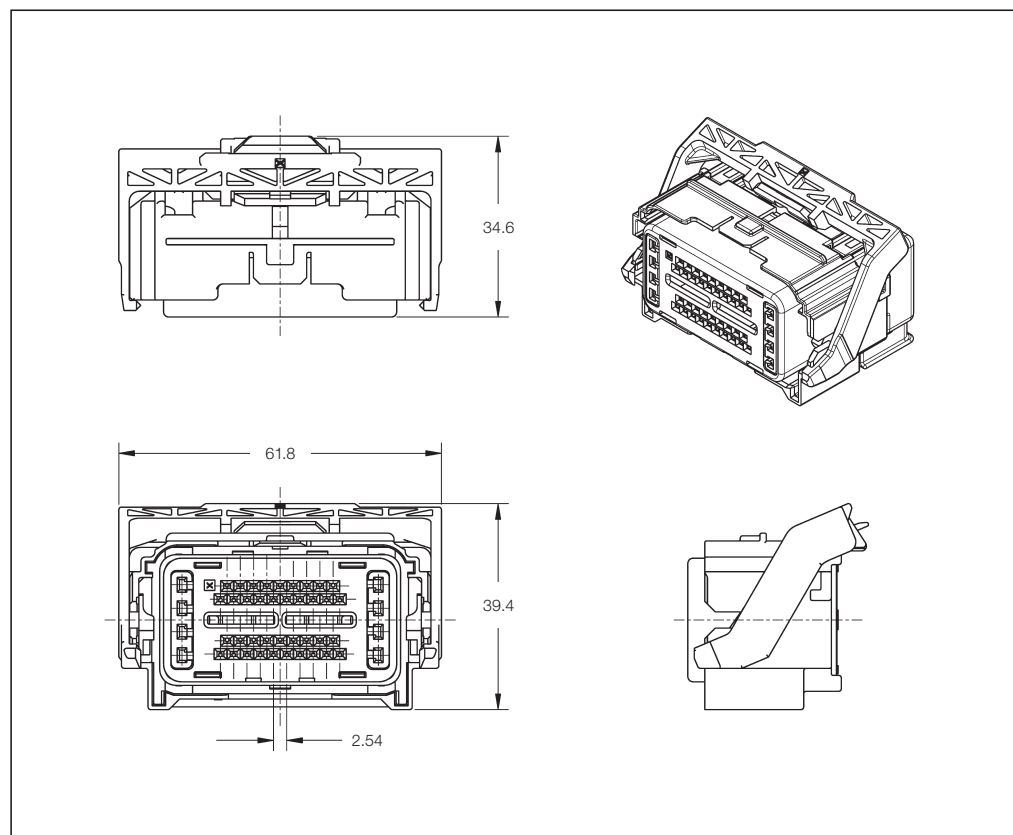
##### Product Specifications:

114-13150

114-13060

##### Application Specification:

408-8598



### Sealed Receptacle Housings – Multiple Rows

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 46               | A              | Black         | 1438082-1          | –     | –              | –               | –                  | –                             | 1438086-1                  |
|                  | B              | Black         | 1438082-2          | –     | –              | –               | –                  | –                             | 1438088-1                  |
|                  |                |               |                    |       |                |                 |                    |                               | 1438087-2                  |

### Sealed Receptacle Housings – Multiple Rows

#### Technical Features

##### No. of Positions:

50 Positions Assy  
46 x GET.64 Terminal  
4 x 1.5 mm Terminal  
with Lever

##### Housing Material:

PA66 GF35

##### Wire Size Range:

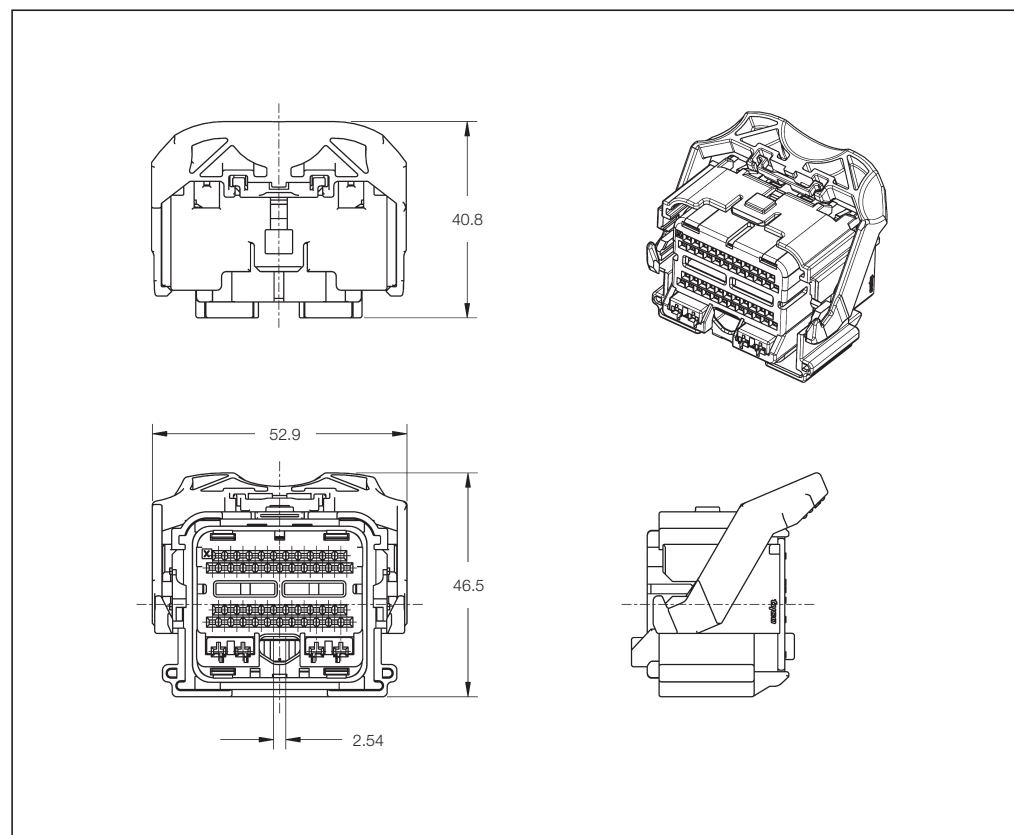
0.22–0.75 mm<sup>2</sup>

##### Product Specification:

114-13060

##### Application Specification:

408-8598



### Sealed Receptacle Housings – Multiple Rows

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 50               | A              | Black         | 1438129-1          | –     | –              | –               | –                  | 1438139-1                     | –                          |
|                  | B              | Black         | 1438129-2          | –     | –              | –               | –                  | –                             | 1438063-1                  |
|                  | C              | Black         | 1438129-3          | –     | –              | –               | –                  | –                             | –                          |

### Sealed Receptacle Housings – Multiple Rows

#### Technical Features

##### No. of Positions:

60 Positions Assy  
with Lever

##### Housing Material:

PBT GF30

##### Wire Size Range:

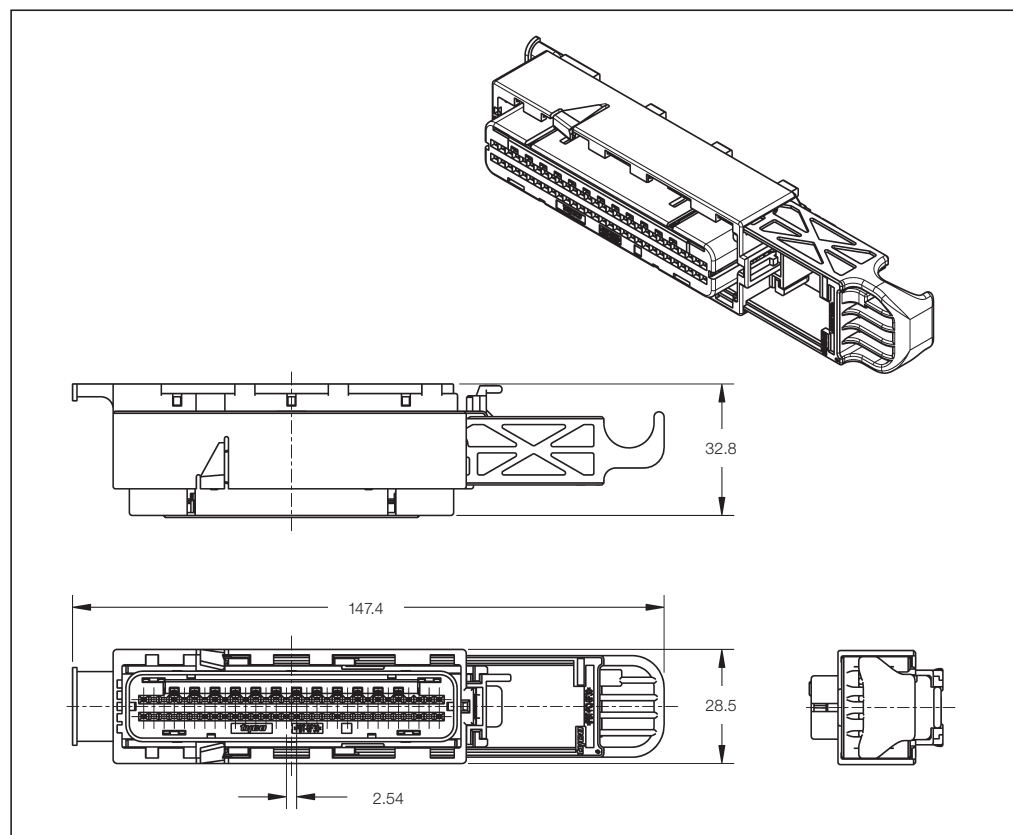
0.22–0.75 mm<sup>2</sup>

##### Product Specification:

114-13060

##### Application Specification:

408-8794



### Sealed Receptacle Housings – Multiple Rows with Shorting Bars

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 60               | Key 1          | Yellow        | 638595-1           | –     | –              | –               | –                  | 638623-1                      | –                          |
|                  | Key 2          | Yellow        | 638595-2           | –     | –              | –               | –                  | 638623-2                      | –                          |
|                  | Key 3          | Yellow        | 638595-3           | –     | –              | –               | –                  | 638623-3                      | –                          |
|                  | Key 4          | Yellow        | 638595-4           | –     | –              | –               | –                  | 638623-4                      | –                          |
|                  | Key 5          | Yellow        | 638595-5           | –     | –              | –               | –                  | 638623-5                      | –                          |

### Sealed Receptacle Housings – Multiple Rows without Shorting Bars

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 60               | Key 1          | Black         | 1438521-1          | –     | –              | –               | –                  | –                             | –                          |

### Sealed Receptacle Housings – Multiple Rows

#### Technical Features

##### No. of Positions:

70 Positions Assy  
66 x GET.64 Terminal  
4 x 1.5 mm Terminal  
with Lever

##### Housing Material:

PA66 GF35

##### Wire Size Range:

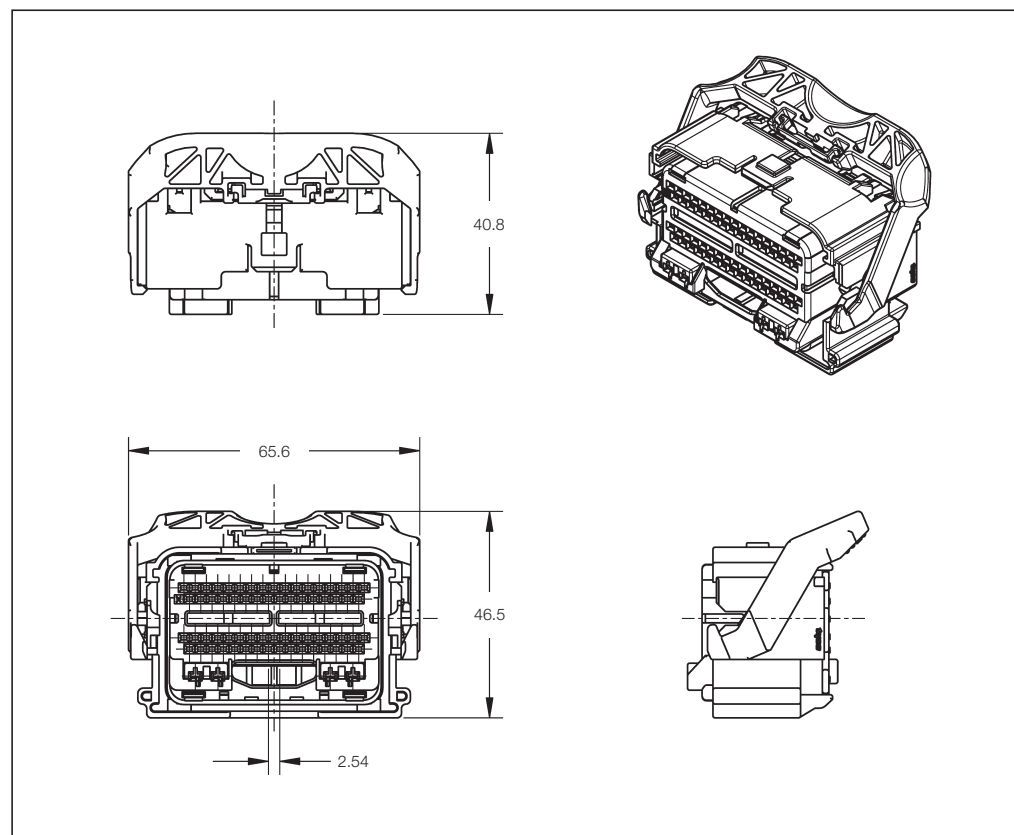
0.22–0.75 mm<sup>2</sup>

##### Product Specification:

114-13060

##### Application Specification:

408-8893



### Sealed Receptacle Housings – Multiple Rows

| No. of Positions | Keying Options | Housing Color | Part Numbers       |       |                |                 |                    |                               |                            |
|------------------|----------------|---------------|--------------------|-------|----------------|-----------------|--------------------|-------------------------------|----------------------------|
|                  |                |               | Receptacle Housing | Cover | Locking Device | Cover and Lever | Mating Pin Housing | Mating PCB Header Right-Angle | Mating PCB Header Vertical |
| 70               | A              | Black         | 1438136-1          | –     | –              | –               | 1438726-1          | –                             | 1438063-1                  |
|                  | B              | Black         | 1438136-2          | –     | –              | –               | –                  | –                             | 1438698-1                  |
|                  | C              | Black         | 1438136-3          | –     | –              | –               | –                  | –                             | –                          |
|                  | D              | Black         | 1438136-4          | –     | –              | –               | –                  | –                             | –                          |

### Sealed Printed Circuit Board Headers

#### Technical Features

##### No. of Positions:

58 Positions Right-Angle  
with Shorting Bar Ramps  
(2 Pocket 20 + 38)

64 Positions Right-Angle  
(2 Pocket 24 + 40)

##### Housing Material:

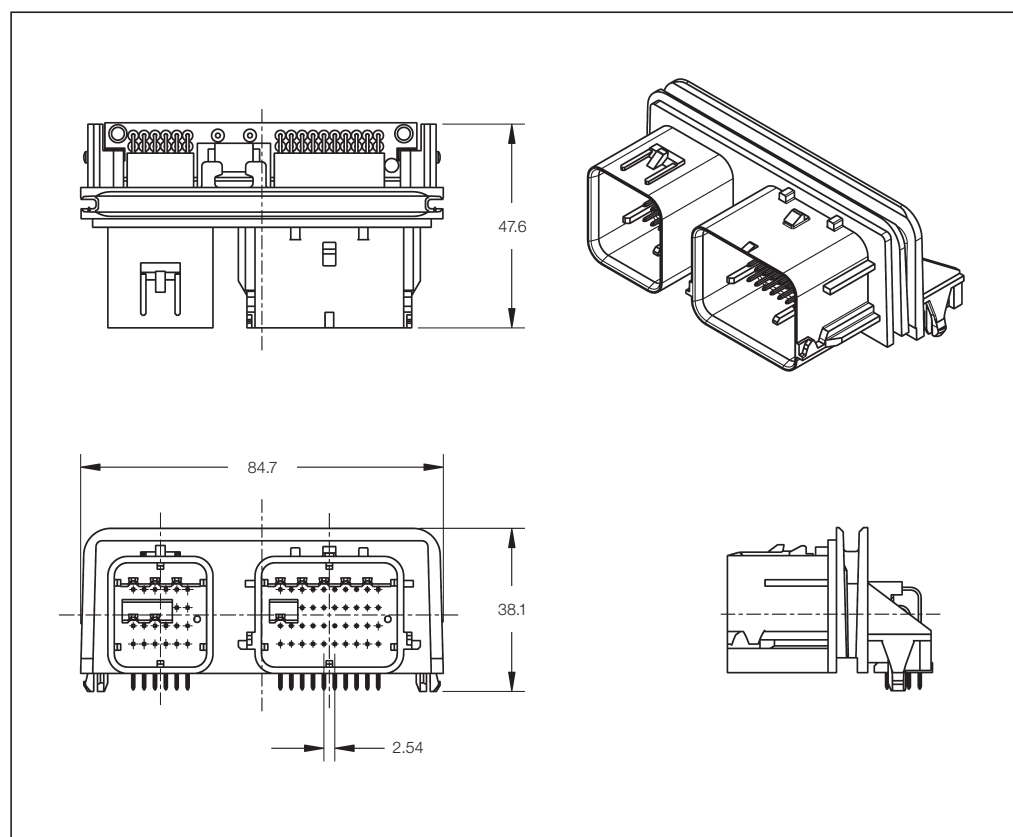
PBT GF30

##### Material and Finish:

CuMg Pins with tin/gold finish

##### Product Specification:

##### Application Specification:



### Sealed Printed Circuit Board Headers

| No. of Positions | Keying Options | Housing Color | Part Numbers           |                     |       |                 |                  | Mating Receptacle Housing           |
|------------------|----------------|---------------|------------------------|---------------------|-------|-----------------|------------------|-------------------------------------|
|                  |                |               | PCB Header Right-Angle | PCB Header Vertical | Cover | Cover and Lever | Retainer Housing |                                     |
| 58               | A              | Black         | 8-1419157-9            | -                   | -     | -               | -                | 1924672-1 / -9 & 1-1924672-0 / -9   |
|                  |                |               |                        |                     |       |                 |                  | 2-1924672-0 / -7 & 2-1924672-9      |
|                  |                |               |                        |                     |       |                 |                  | 3-1924672-2 / -7                    |
|                  |                |               |                        |                     |       |                 |                  | 1924670-1 / -9 & 1-1924670-0 / -9   |
|                  |                |               |                        |                     |       |                 |                  | 2-1924670-0 / -9 & 3-1924670-0 / -9 |
|                  |                |               |                        |                     |       |                 |                  | 4-1924670-0 / -9 & 5-1924670-0 / -9 |
|                  |                |               |                        |                     |       |                 |                  | 6-1924670-0 / -6                    |
|                  |                |               |                        |                     |       |                 |                  | 7-1419157-9 & 8-1419157-0 / -6      |
|                  | G              | Black         | 8-1419157-9            | -                   | -     | -               | -                | 1438090-1 / -9 & 1-1438090-0 / -9   |
|                  |                |               |                        |                     |       |                 |                  | 2-1438090-0 / -9 & 3-1438090-0 / -9 |
|                  |                |               |                        |                     |       |                 |                  | 4-1438090-0 / -9 & 5-1438090-0 / -9 |
|                  |                |               |                        |                     |       |                 |                  | 6-1438090-0 / -9 & 7-1438090-0 / -9 |
|                  |                |               |                        |                     |       |                 |                  | 8-1438090-0 / -9 & 9-1438090-0 / -9 |
|                  |                |               |                        |                     |       |                 |                  | 1456897-1 / -9                      |
|                  |                |               |                        |                     |       |                 |                  | 1438397-1 / -9 & 1-1438397-0 / -3   |
|                  |                |               |                        |                     |       |                 |                  | 2-1924672-8 & 3-1924672-0           |
|                  | B              | Black         | 1438322-3              | -                   | -     | -               | -                | 1924671-1 / -8                      |
|                  |                |               |                        |                     |       |                 |                  | 1438982-1 / -9 & 1-1438982-0 / -9   |
|                  | H              | Black         | 1438322-3              | -                   | -     | -               | -                | 2-1438982-0 / -2                    |
|                  |                |               |                        |                     |       |                 |                  | 1438484-1                           |

## Sealed Printed Circuit Board Headers (continued)

**Sealed Printed Circuit Board Headers**

| No. of Positions | Keying Options | Housing Color | Part Numbers           |                     |       |                 |                  | Mating Receptacle Housing           |
|------------------|----------------|---------------|------------------------|---------------------|-------|-----------------|------------------|-------------------------------------|
|                  |                |               | PCB Header Right-Angle | PCB Header Vertical | Cover | Cover and Lever | Retainer Housing |                                     |
| 58               | C + H          | Black         | 1438522-5              | –                   | –     | –               | –                | 1924680-1                           |
|                  |                |               |                        |                     |       |                 |                  | 1438484-1                           |
|                  |                |               |                        |                     |       |                 |                  | 1438982-1 / -9 & 1-1438982-0 / -9   |
|                  |                |               |                        |                     |       |                 |                  | 2-1438982-0 / -2                    |
|                  | D + G          | Black         | 1438522-8              | –                   | –     | –               | –                | 1924681-1                           |
|                  |                |               |                        |                     |       |                 |                  | 7-1419157-9 & 8-1419157-0 / -6      |
|                  |                |               |                        |                     |       |                 |                  | 1438090-1 / -9 & 1-1438090-0 / -9   |
|                  |                |               |                        |                     |       |                 |                  | 2-1438090-0 / -9 & 3-1438090-0 / -9 |
|                  |                |               |                        |                     |       |                 |                  | 4-1438090-0 / -9 & 5-1438090-0 / -9 |
|                  |                |               |                        |                     |       |                 |                  | 6-1438090-0 / -9 & 7-1438090-0 / -9 |
|                  |                |               |                        |                     |       |                 |                  | 8-1438090-0 / -9 & 9-1438090-0 / -9 |
|                  |                |               |                        |                     |       |                 |                  | 1456897-1 / -9                      |
|                  |                |               |                        |                     |       |                 |                  | 1438397-1 / -9 & 1-1438397-0 / -3   |
|                  | D + J          | Black         | 1438522-6              | –                   | –     | –               | –                | 1924681-1                           |
|                  | D + K          | Black         | 1438522-7              | –                   | –     | –               | –                | 1438485-1                           |
|                  |                |               |                        |                     |       |                 |                  | 1924681-1                           |
| 64               | A + H          | Black         | 1456777-2              | –                   | –     | –               | –                | 1438486-1                           |
|                  |                |               |                        |                     |       |                 |                  | 3-1417171-9 & 7-1419157-9           |
|                  |                |               |                        |                     |       |                 |                  | 1438103-1 / -9 & 1-1438103-0 / -7   |
|                  |                |               |                        |                     |       |                 |                  | 1924674-1 / -9 & 1-1924674-0 / -2   |
|                  |                |               |                        |                     |       |                 |                  | 1924675-1 / -9 & 1-1924675-0 / -4   |
|                  |                |               |                        |                     |       |                 |                  | 1438098-1 / -9 & 1-1438098-0 / -9   |
|                  | A + J          | Black         | 1456777-1              | –                   | –     | –               | –                | 2-1438098-0 / -5                    |
|                  |                |               |                        |                     |       |                 |                  | 2098034-1                           |
|                  |                |               |                        |                     |       |                 |                  | 3-1417171-9 & 7-1419157-9           |
|                  |                |               |                        |                     |       |                 |                  | 1438103-1 / -9 & 1-1438103-0 / -7   |
|                  |                |               |                        |                     |       |                 |                  | 1924674-1 / -9 & 1-1924674-0 / -2   |
|                  |                |               |                        |                     |       |                 |                  | 1924675-1 / -9 & 1-1924675-0 / -4   |
|                  |                |               |                        |                     |       |                 |                  | 1924513-1 / -9 & 1-1924513-0 / -9   |
|                  |                |               |                        |                     |       |                 |                  | 2-1924513-0 / -9 & 3-1924513-0 / -5 |

### Sealed Printed Circuit Board Headers

#### Technical Features

##### No. of Positions:

92 Positions Vertical Assy  
3 Pocket (\_\_\_ + 46 + 46)  
122 Positions Vertical Assy  
3 Pocket (30 + 46 + 46)

##### Housing Material:

PBT GF30

##### Material and Finish:

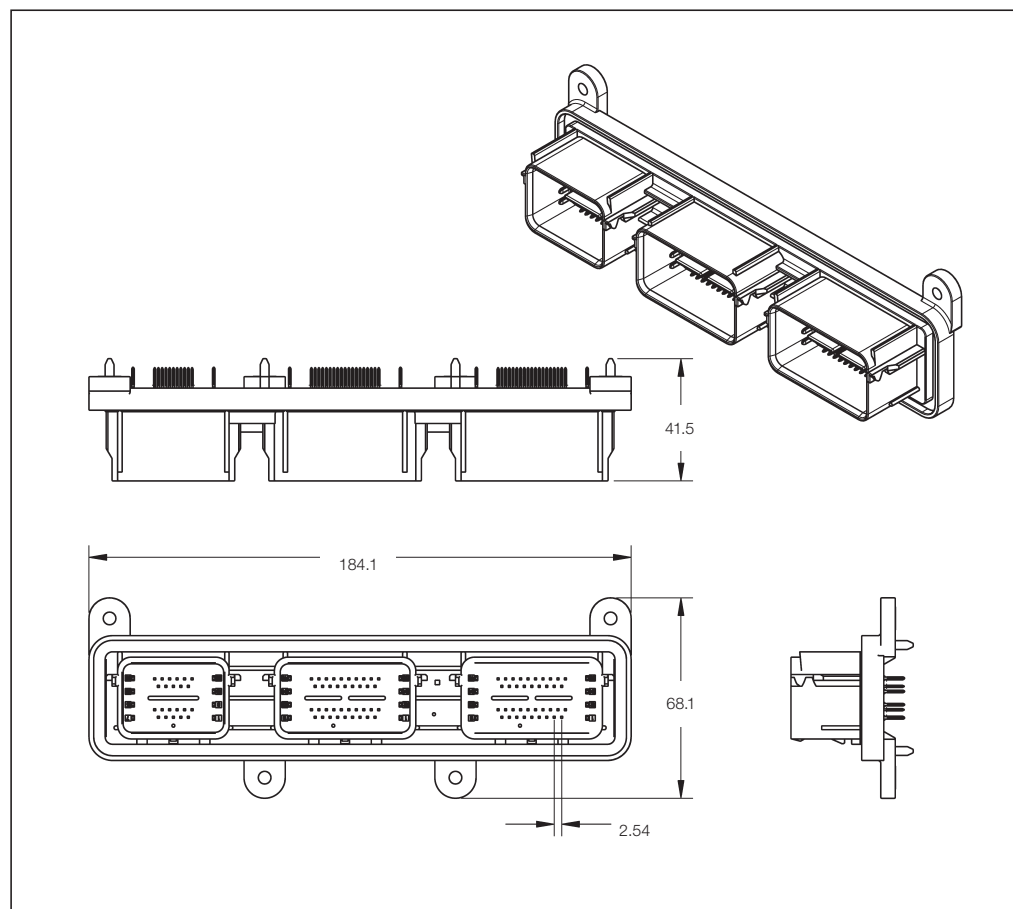
Brass Pins with tin/gold finish

##### Product Specification:

—

##### Application Specification:

—



#### Sealed Printed Circuit Board Headers

| No. of Positions | Keying Options | Housing Color | Part Numbers           |                     |       |                 |                  |                           |
|------------------|----------------|---------------|------------------------|---------------------|-------|-----------------|------------------|---------------------------|
|                  |                |               | PCB Header Right-Angle | PCB Header Vertical | Cover | Cover and Lever | Retainer Housing | Mating Receptacle Housing |
| 92               | ___ + A + B    | Gray          | —                      | 1438088-2           | —     | —               | —                | 1438082-1                 |
|                  |                |               |                        |                     |       |                 |                  | 1438082-2                 |
| 122              | A + A + B      | Black         | —                      | 1438087-2           | —     | —               | —                | 1438083-1                 |
|                  |                |               |                        |                     |       |                 |                  | 1438082-2                 |

**Note:** All Part Numbers are RoHS and ELV compliant.

### Sealed Printed Circuit Board Headers

#### Technical Features

##### No. of Positions:

150 Positions Vertical Assy  
3 Pocket (50 + 50 + 50)

##### Housing Material:

PBT GF30

##### Material and Finish:

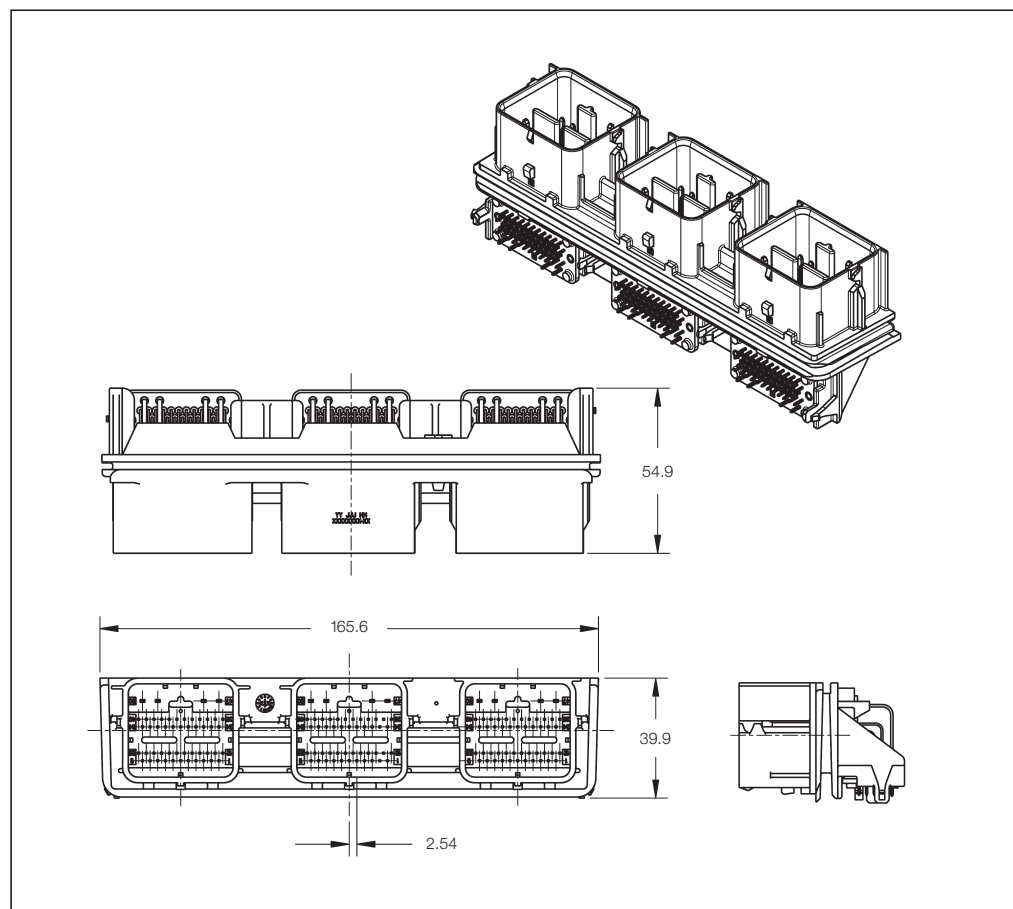
Brass Pins with tin/gold finish

##### Product Specification:

—

##### Application Specification:

—



#### Sealed Printed Circuit Board Headers

| No. of Positions | Keying Options | Housing Color | Part Numbers           |                     |       |                 |                  |                           |
|------------------|----------------|---------------|------------------------|---------------------|-------|-----------------|------------------|---------------------------|
|                  |                |               | PCB Header Right-Angle | PCB Header Vertical | Cover | Cover and Lever | Retainer Housing | Mating Receptacle Housing |
| 150              | A + B + C      | Black         | —                      | 1438139-1           | —     | —               | —                | 1438129-1                 |
|                  |                |               |                        |                     |       |                 |                  | 1438129-2                 |
|                  |                |               |                        |                     |       |                 |                  | 1438129-3                 |

**Note:** All Part Numbers are RoHS and ELV compliant.

### Sealed Printed Circuit Board Headers

#### Technical Features

##### No. of Positions:

190 Positions Vertical Assy  
3 Pocket (70 + 70 + 50)

##### Housing Material:

PPA GF33

##### Material and Finish:

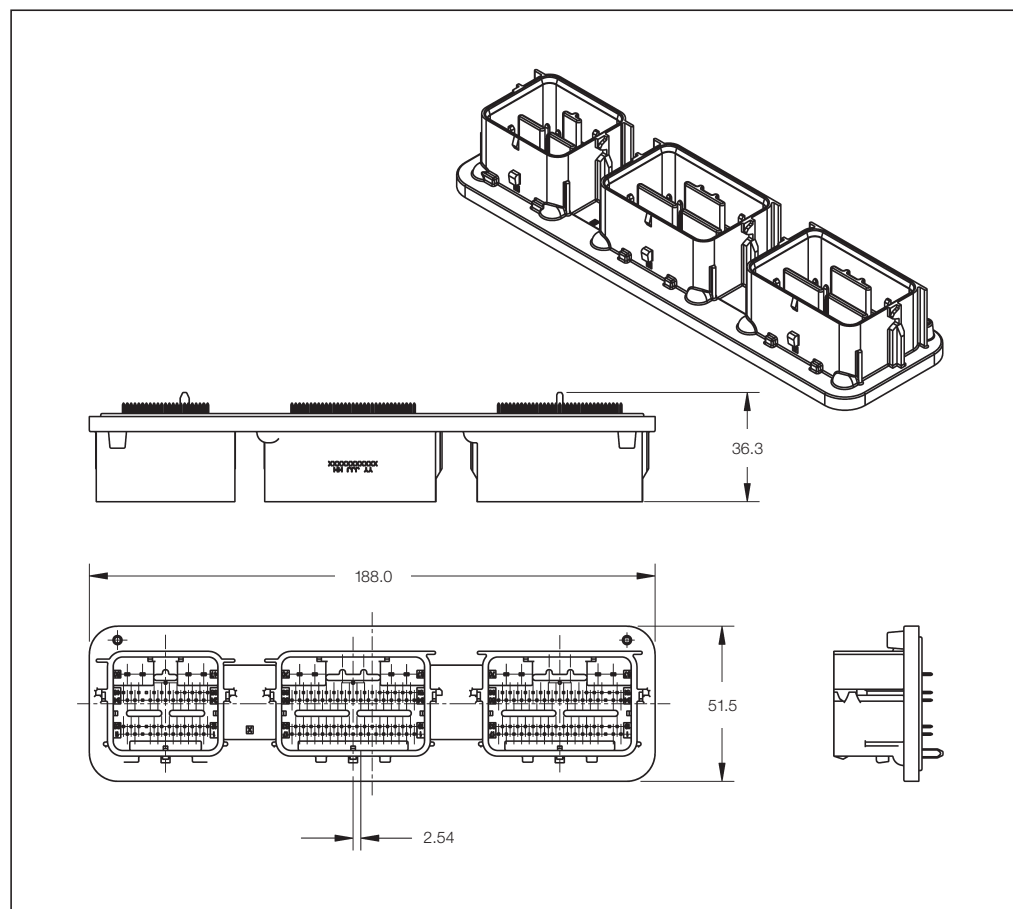
Brass Pins with tin/gold finish

##### Product Specification:

—

##### Application Specification:

—



#### Sealed Printed Circuit Board Headers

| No. of Positions | Keying Options | Housing Color | Part Numbers           |                     |       |                 |                  |                           |
|------------------|----------------|---------------|------------------------|---------------------|-------|-----------------|------------------|---------------------------|
|                  |                |               | PCB Header Right-Angle | PCB Header Vertical | Cover | Cover and Lever | Retainer Housing | Mating Receptacle Housing |
| 190              | B + A + C      | Black         | —                      | 1438063-1           | —     | —               | —                | 1438136-1                 |
|                  |                |               |                        |                     |       |                 |                  | 1438136-2                 |
|                  |                |               |                        |                     |       |                 |                  | 1438129-1                 |

**Note:** All Part Numbers are RoHS and ELV compliant.

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**Engineering Notes**

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