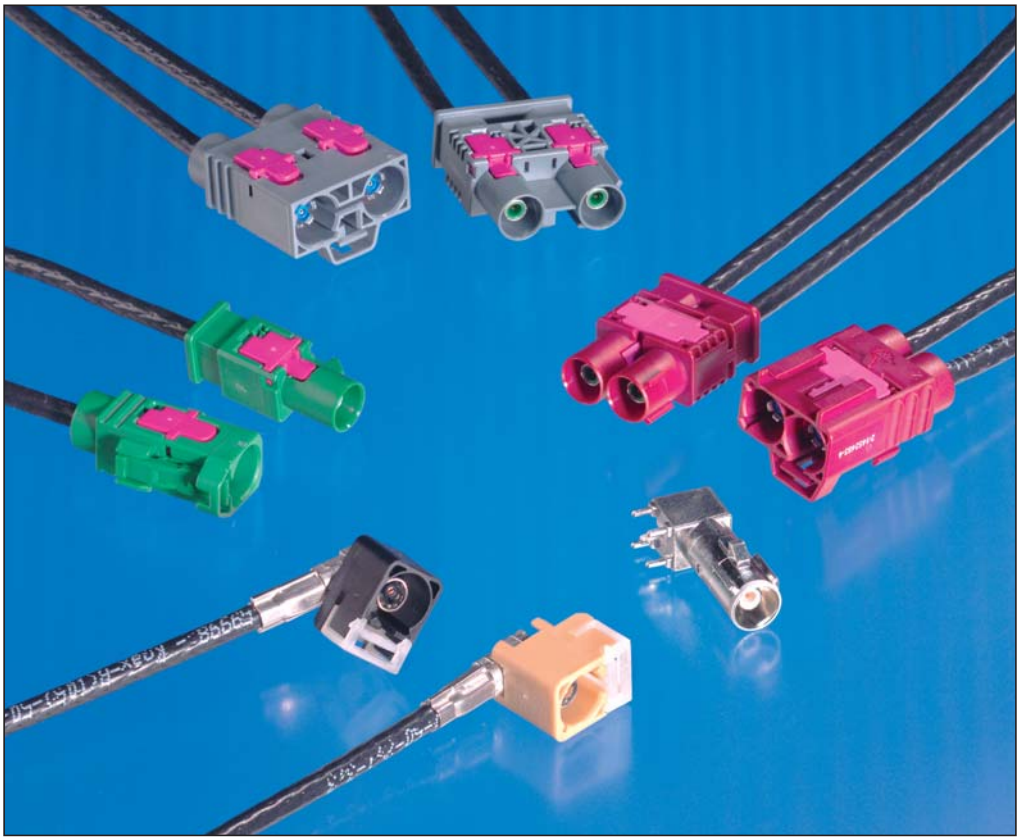
Introduction

## FAKRA Guarantees Interchangeability of RF Connector Systems



During the last years the Automotive market experienced an exploding growth of telematics and Multi Media applications. These typically include, along with the new optical transmission systems, high frequency systems like Global Positioning Systems (GPS), mobile phones, radios, mobile television and recently digital satellite radios.

In order to guarantee interchangeability of connector systems the German „Facharbeitskreis Automotive" (FAKRA) council has created a new standard for high frequency coaxial connectors ("FAKRA RF"connectors).

This standard covers the design of the connectors interface with its mechanical and electrical characteristics, incl. testing methods etc. The standard is in a worldwide acceptance process by major car manufacturers and system suppliers for automotive communications and entertainment applications.

The automotive industry expanded this compatibility. Next to the interface also the housing cavities are uniform. Now the customers have the advantage to order terminals and housings from different suppliers. In the field the terms "FAKRA II" and "FAKRA IV" are used to distinguish the kind of compatibility.

Tyco Electronics offers a comprehensive program of RF cable assemblies, terminals and housings. These products are fully compatible, designed after the "FAKRA RF" requirements including recent extensions and improvements.

The program includes straight jack and plug terminals for different cable types, one and two position straight housings (pitch 8.0 mm and 12.7 mm) with the different mechanical keys and an angled plug terminal with one housing for the three cable directions or a version which is fully rotational. Special cable assemblies using these connectors are available as well.

The connectors show an innovative design which complies to even the highest physical size requirements on the market and unique features with respect to automotive applications as well as to the requirements in the assembly lines of our customers.

The Tyco Electronics Design Verification plan covers all requirements from the FAKRA and the USCAR standards.

USCAR is a trademark

SUPERSEDED
NOT the LATEST
REVISION

## RG 174 Contact for 90° Plug Version

### Technical Features

**Contact Material**
**Stamped Contact:**
CuNiSi

**Contact Finish:**
Gold plated

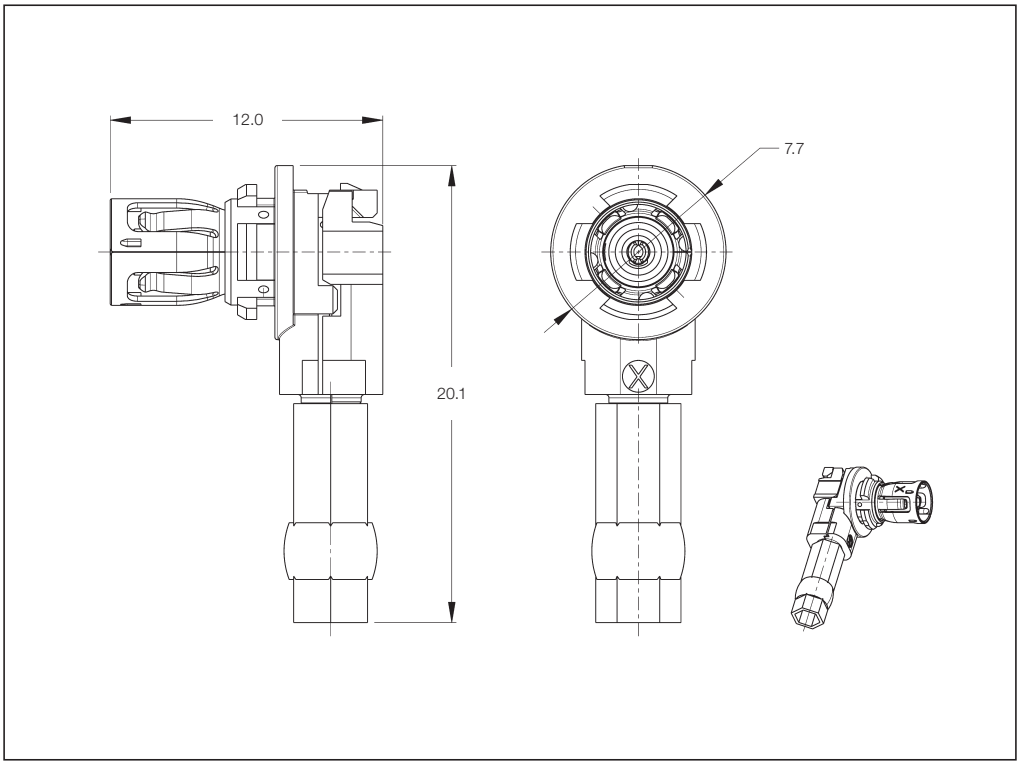
**Rating**
**Frequency Range:**
0 to 6,000 MHz

**Temperature Range:**
–40 °C to +100 °C

**Wire Size Range:**
Diameter $2.8^{\pm 0.1}$ mm

**Product Specification:**
108-94089

**Application Specification:**
114-18623




### Plug Closed Outer Spring RG 174 Contact Stamped Suitable for Plug Housing, Part No. 1719261

| For Cable Part No.* | Cable | Kit Part No. | Part Numbers of Needed Components | | | | Package Quantity | Applicator for Contact | Hand Tool Crimp Inserts to be used in Hand Crimp Tool |
|---|---|---|---|---|---|---|---|---|---|
| | | | Center Contact | Sub-Assembly Front | Sub-Assembly Rear | Ferrule | | | Part No. 539635-1 for the Ferrule |
| **Stamped Contact** | | | | | | | | | |
| 1449103-1<br>1719435-1 | RG 174 | N/A<br>(1719655-1) 1) | 1719685-1 | 1719656-1 | 1719658-1 | 1-413889-3 | Components must be ordered separately 1) | 9-541782-7 | 1-1579001-1 |

1) Refer to Customer Drawing 1719655-1

*) Other cable types have to be released by Tyco Electronics Product Engineering.

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



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## RTK 031 Contact for 90° Plug Version

### Technical Features

**Contact Material**
**Stamped Contact:**
CuNiSi

**Contact Finish:**
Gold plated

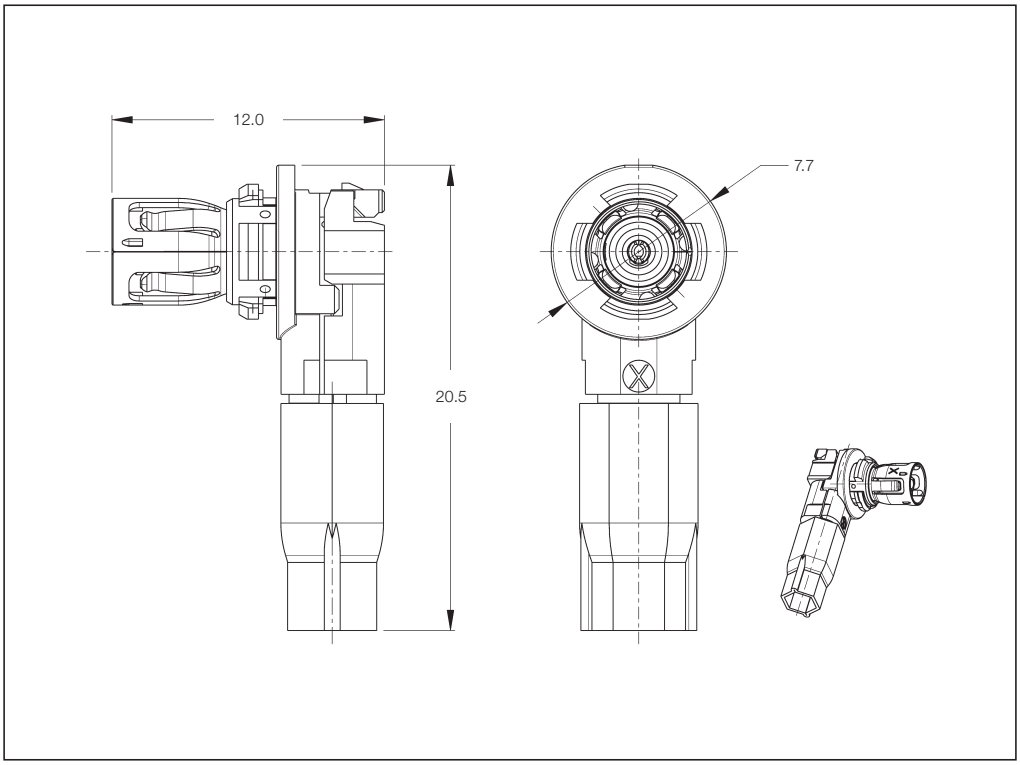
**Rating**
**Frequency Range:**
0 to 6,000 MHz

**Temperature Range:**
–40 °C to +100 °C

**Wire Size Range:**
Diameter 3.2 $^{\pm 0.3}$ mm RTK and
Diameter 3.5 $^{\pm 0.15}$ mm Low Loss

**Product Specification:**
108-94089

**Application Specification:**
114-18623




### Plug Closed Outer Spring RTK 031 Contact Stamped Suitable for Plug Housing, Part No. 1719261

| For Cable Part No.* | Cable | Kit Part No. | Part Numbers of Needed Components | | | | Package Quantity | Applicator for Contact | Hand Tool Crimp Inserts to be used in Hand Crimp Tool |
|---|---|---|---|---|---|---|---|---|---|
| | | | Center Contact | Sub-Assembly Front | Sub-Assembly Rear | Ferrule | | | Part No. 539635-1 for the Ferrule |
| **Stamped Contact** | | | | | | | | | |
| 956339-1<br>956339-2<br>956163-2 | RTK 031<br>Low Loss | N/A (1719252-1)[1] | 1418990-1 | 1719241-1 | 1719245-1 | 1418993-1 | Components must be ordered separately[1] | 9-541781-7 | 1579021-4 |

1) Refer to Customer Drawing 1719252

*) Other cable types have to be released by Tyco Electronics Product Engineering.

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

## RTK 031 (75 Ohm) Contact for 90° Plug Version

### Technical Features

**Contact Material**
**Stamped Contact:**
CuNiSi

**Contact Finish:**
Gold plated

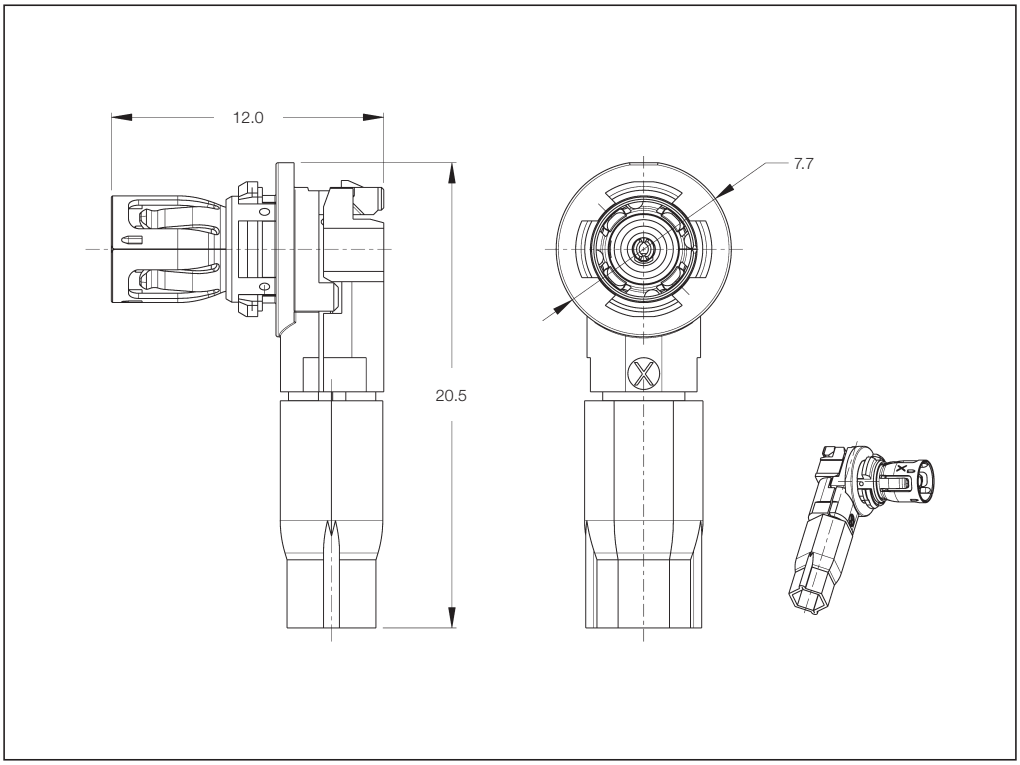
**Rating**
**Frequency Range:**
Cable dependant

**Temperature Range:**
–40 °C to +100 °C

**Wire Size Range:**
Diameter $3.2^{\pm 0.1}$ mm

**Product Specification:**
108-94089

**Application Specification:**
114-18623-1




### Plug Closed Outer Spring 75 Ohm Contact Stamped Suitable for Plug Housing, Part No. 1719261

| For Cable Part No.* | Cable | Kit Part No. | Part Numbers of Needed Components | | | | Package Quantity | Applicator for Contact | Hand Tool Crimp Inserts to be used in Hand Crimp Tool |
|---|---|---|---|---|---|---|---|---|---|
| | | | Center Contact | Sub-Assembly Front | Sub-Assembly Rear | Ferrule | | | Part No. 539635-1 for the Ferrule |
| **Stamped Contact** | | | | | | | | | |
| 1703488-1 | 75 Ohm | N/A | 1719685-1 | 1719241-1 | 1719245-1 | 1418993-1 | Components must be ordered separately | 9-541782-7 | 1579021-4 |

*) Other cable types have to be released by Tyco Electronics Product Engineering.

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



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## RG 174 Contact for 180° Plug Version – Open Outer Spring

### Technical Features

**Contact Material**
**Turned Contact:**
CuNi
**Stamped Contact:**
CuNiSi

**Contact Finish:**
Gold plated

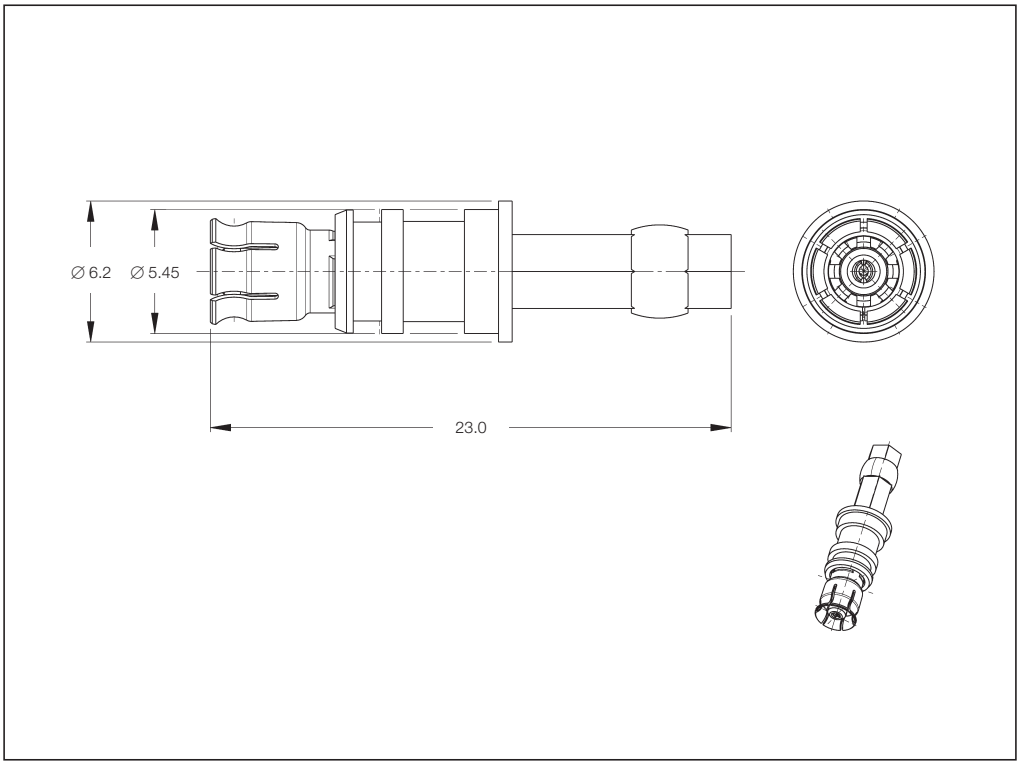
**Rating**
**Frequency Range:**
0 to 6,000 MHz

**Temperature Range:**
–40 °C to +100 °C

**Wire Size Range:**
Diameter 2.8 $^{\pm 0.1}$ mm

**Product Specification:**
108-2129

**Application Specification:**
114-18622




### Plug Open Outer Spring RG 174 Contact Stamped or Turned Suitable for Plug Housings, Part Nos. 1452584, 1452483 and 1452587

| For Cable Part No.* | Cable | Kit Part No. | Part Numbers of Needed Components | | | Package Quantity | Applicator for Contact | Hand Tool Crimp Inserts to be used in Hand Crimp Tool | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Center Contact | Sub-Assembly | Ferrule | | | Part No. 601966-1 for Contact | Part No. 539635-1 for Ferrule |
| **Stamped Contact** | | | | | | | | | |
| 1719435-1 | RG 174 | N/A (1488155-2) 1) | 1418971-1 CuNiSi | 1488154-1 | 1-413889-3 SfCu | Components must be ordered separately 1) | 9-541782-7 | N/A | 1-1579001-1 |
| **Turned Contact** | | | | | | | | | |
| 1719435-1 1449103-1 | RG 174 | 1488155-1 1) | 1488269-1 CuNi | 1488154-1 | 1-413889-3 SfCu | 1,000 | N/A | 1579003-4 | 1-1579001-1 |

1) Refer to Customer Drawing 1488571

*) Other cable types have to be released by Tyco Electronics Product Engineering.

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

## RG 174 Contact for 180° Plug Version – Closed Outer Spring

### Technical Features

**Contact Material**
**Turned Contact:**
CuNi
**Stamped Contact:**
CuNiSi

**Contact Finish:**
Gold plated

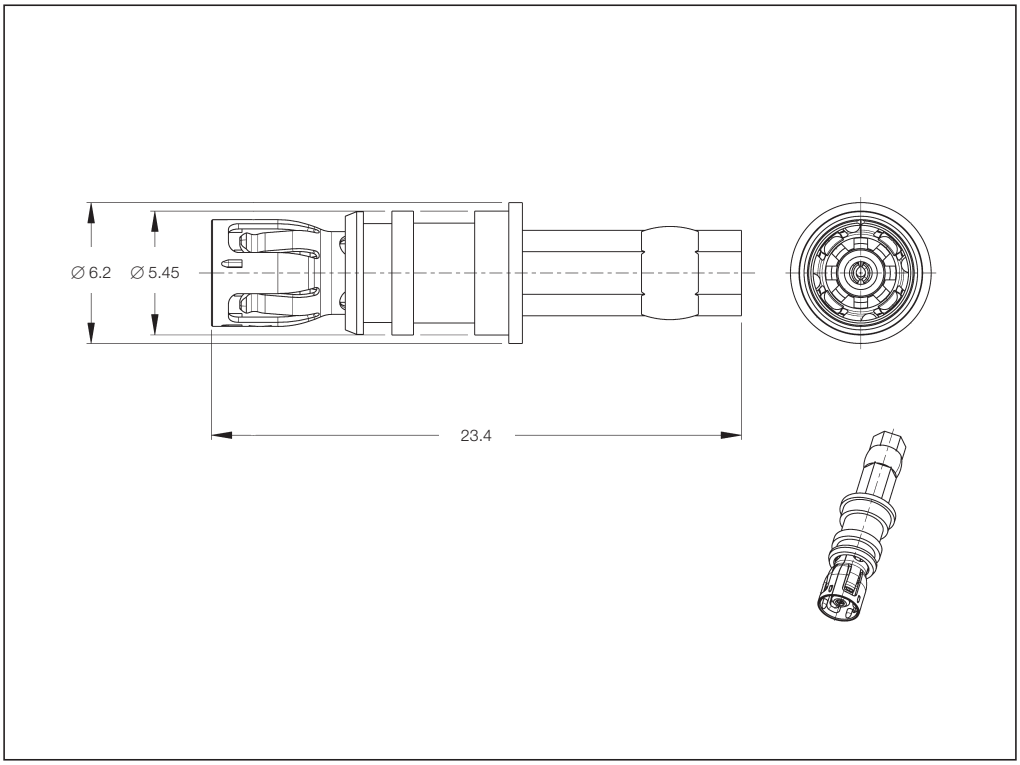
**Rating**
**Frequency Range:**
0 to 6,000 MHz

**Temperature Range:**
–40 °C to +100 °C

**Wire Size Range:**
Diameter 2.8 $^{\pm 0.1}$ mm

**Product Specification:**
108-2129

**Application Specification:**
114-18622




**Plug Closed Outer Spring RG 174 Contact Stamped or Turned Suitable for Plug Housings, Part Nos. 1452584, 1452483 and 1452587**

| For Cable Part No.* | Cable | Kit Part No. | Part Numbers of Needed Components | | | Package Quantity | Applicator for Contact | Hand Tool Crimp Inserts to be used in Hand Crimp Tool | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Center Contact | Sub-Assembly | Ferrule | | | Part No. 601966-1 for Contact | Part No. 539635-1 for Ferrule |
| **Stamped Contact** | | | | | | | | | |
| 1719435-1 | RG 174 | N/A (1719791-2) 1) | 1418971-1 CuNiSi | 1719793-1 | 1-413889-3 SfCu | Components must be ordered separately 1) | 9-541782-7 | N/A | 1-1579001-1 |
| **Turned Contact** | | | | | | | | | |
| 1719435-1 1449103-1 | RG 174 | 1719791-1 1) | 1488269-1 CuNi | 1719793-1 | 1-413889-3 SfCu | 1,000 | N/A | 1579003-4 | 1-1579001-1 |

1) Refer to Customer Drawing 1719795.

*) Other cable types have to be released by Tyco Electronics Product Engineering.

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



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## RG 174 Contact for 180° Jack Version

### Technical Features

**Contact Material**
**Turned Contact:**
CuNi
**Stamped Contact:**
CuNiSi

**Contact Finish:**
Gold plated

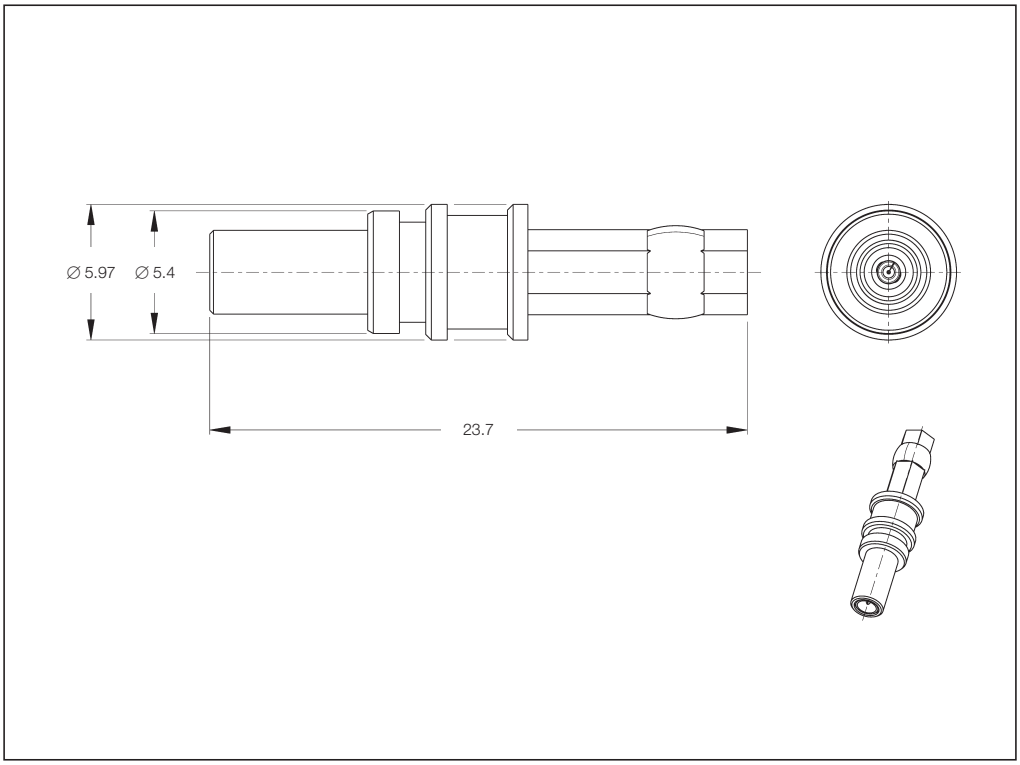
**Rating**
**Frequency Range:**
0 to 6,000 MHz

**Temperature Range:**
–40 °C to +100 °C

**Wire Size Range:**
Diameter 2.8 $^{\pm 0.1}$ mm

**Product Specification:**
108-2129

**Application Specification:**
114-18622




### Jack RG 174 Contact Stamped or Turned Suitable for Jack Housings, Part Nos. 1452580, 1452481 and 1452697

| For Cable Part No.* | Cable | Kit Part No. | Part Numbers of Needed Components | | | Package Quantity | Applicator for Contact | Hand Tool Crimp Inserts to be used in Hand Crimp Tool | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Center Contact | Sub-Assembly | Ferrule | | | Part No. 601966-1 for Contact | Part No. 539635-1 for Ferrule |
| **Stamped Contact** | | | | | | | | | |
| 1719435-1 | RG 174 | N/A (1488147-2) 1) | 1418970-1 CuNiSi | 1488146-2 | 1-413889-3 SfCu | Components must be ordered separately 1) | 9-541782-7 | N/A | 1-1579001-1 |
| **Turned Contact** | | | | | | | | | |
| 1719435-1 1449103-1 | RG 174 | 1488147-1 1) | 1488145-1 CuZn | 1488146-1 | 1-413889-3 SfCu | 1,000 | N/A | 1579003-4 | 1-1579001-1 |

1) Refer to Customer Drawing 1488570.

*) Other cable types have to be released by Tyco Electronics Product Engineering.

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

## RTK 031 Contact for 180° Plug Version – Open Outer Spring

### Technical Features

**Contact Material**
**Turned Contact:**
CuNi
**Stamped Contact:**
CuNiSi

**Contact Finish:**
Gold plated

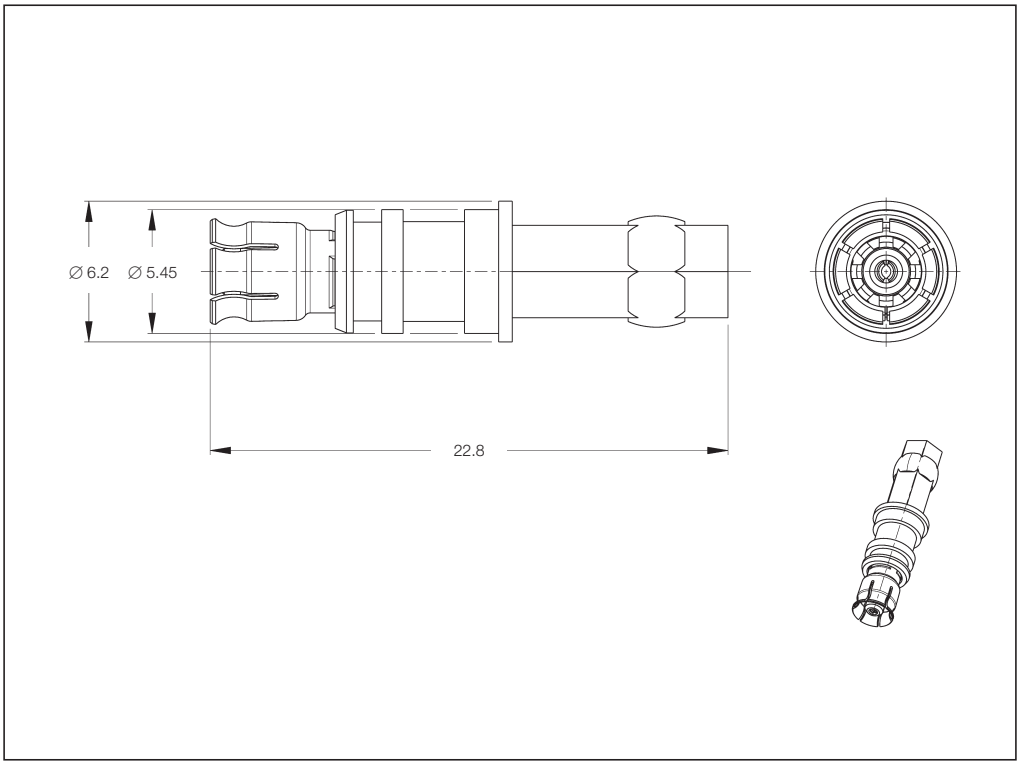
**Rating**
**Frequency Range:**
0 to 6,000 MHz

**Temperature Range:**
–40 °C to +100 °C

**Wire Size Range:**
Diameter 3.2 $^{\pm 0.3}$ mm RTK and
Diameter 3.5 $^{\pm 0.15}$ mm Low Loss

**Product Specification:**
108-2129

**Application Specification:**
114-18622




**Plug Open Outer Spring RTK 031/Low Loss Contact Stamped or Turned Suitable for Plug Housings, Part Nos. 1452584, 1452483 and 1452587**

| For Cable Part No.* | Cable | Kit Part No. | Part Numbers of Needed Components | | | Package Quantity | Applicator for Contact | Hand Tool Crimp Inserts to be used in Hand Crimp Tool | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Center Contact | Sub-Assembly | Ferrule | | | Part No. 601966-1 for Contact | Part No. 539635-1 for Ferrule |
| **Stamped Contact** | | | | | | | | | |
| 956339-1<br>956339-2<br>956163-2 | RTK 031<br>Low Loss | N/A (1488175-2) 1) | 1418973-1 CuNiSi | 1488174-1 | 1488167-1 SfCu | Components must be ordered separately 1) | 9-541797-7 | N/A | 1-1579001-1 |
| **Turned Contact** | | | | | | | | | |
| 956339-1<br>956339-2 | RTK 031 | 1488175-1 1) | 1488172-1 CuZn | 1488174-1 | 1488167-1 SfCu | 1,000 | N/A | 1579003-4 | 1-1579001-1 |

1) Refer to Customer Drawing 1488571.

*) Other cable types have to be released by Tyco Electronics Product Engineering.

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



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## RTK 031 Contact for 180° Plug Version – Closed Outer Spring

### Technical Features

**Contact Material**
**Turned Contact:**
CuNi
**Stamped Contact:**
CuNiSi

**Contact Finish:**
Gold plated

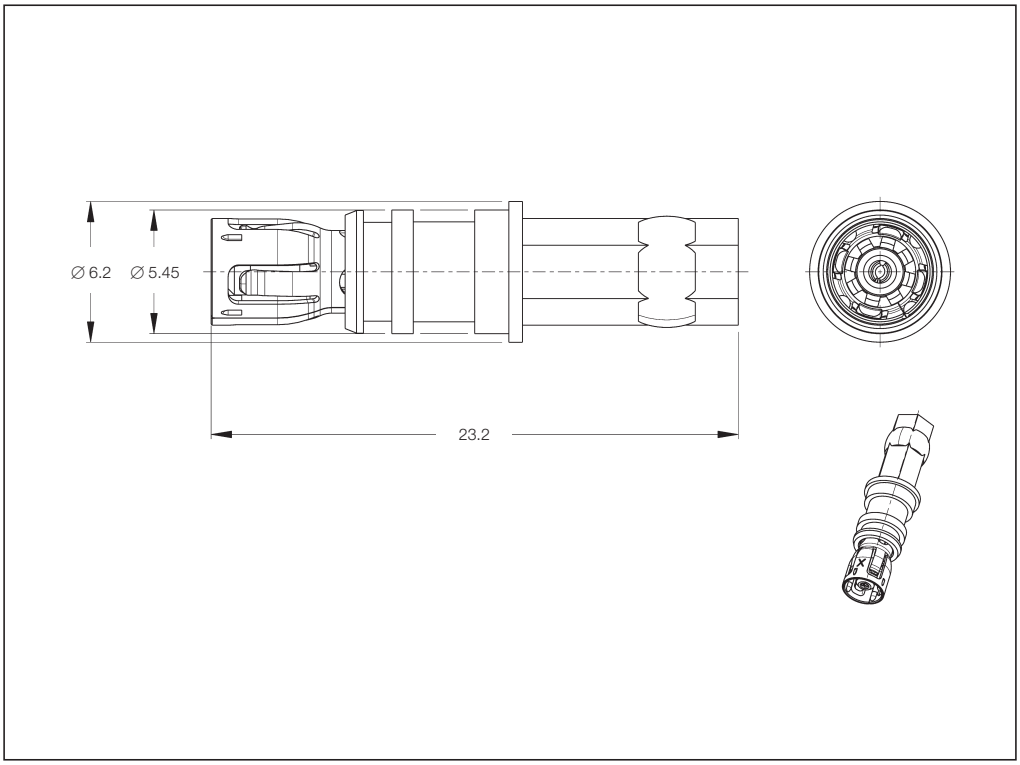
**Rating**
**Frequency Range:**
0 to 6,000 MHz

**Temperature Range:**
–40 °C to +100 °C

**Wire Size Range:**
Diameter 3.2 $^{\pm 0.3}$ mm RTK and
Diameter 3.5 $^{\pm 0.15}$ mm Low Loss

**Product Specification:**
108-2129

**Application Specification:**
114-18622




**Plug Closed Outer Spring RTK 031/Low Loss Contact Stamped or Turned Suitable for Plug Housings, Part Nos. 1452584, 1452483 and 1452587**

| For Cable Part No.* | Cable | Kit Part No. | Part Numbers of Needed Components | | | Package Quantity | Applicator for Contact | Hand Tool Crimp Inserts to be used in Hand Crimp Tool | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Center Contact | Sub-Assembly | Ferrule | | | Part No. 601966-1 for Contact | Part No. 539635-1 for Ferrule |
| **Stamped Contact** | | | | | | | | | |
| 956339-1<br>956339-2<br>956163-2 | RTK 031<br>Low Loss | N/A (1719792-2) 1) | 1418973-1 CuNiSi | 1719794-1 | 1488167-1 SfCu | Components must be ordered separately 1) | 9-541797-7 | N/A | 1-1579001-1 |
| **Turned Contact** | | | | | | | | | |
| 956339-1<br>956339-2 | RTK 031 | 1719792-1 1) | 1488172-1 CuNi | 1719794-1 | 1488167-1 SfCu | 1,000 | N/A | 1579003-4 | 1-1579001-1 |

1) Refer to Customer Drawing 1719795.

*) Other cable types have to be released by Tyco Electronics Product Engineering.

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

## RTK 031 Contact for 180° Jack Version

### Technical Features

**Contact Material**
**Stamped Contact:**
CuSn
**Screw Machined Contact:**
CuZn

**Contact Finish:**
Gold plated

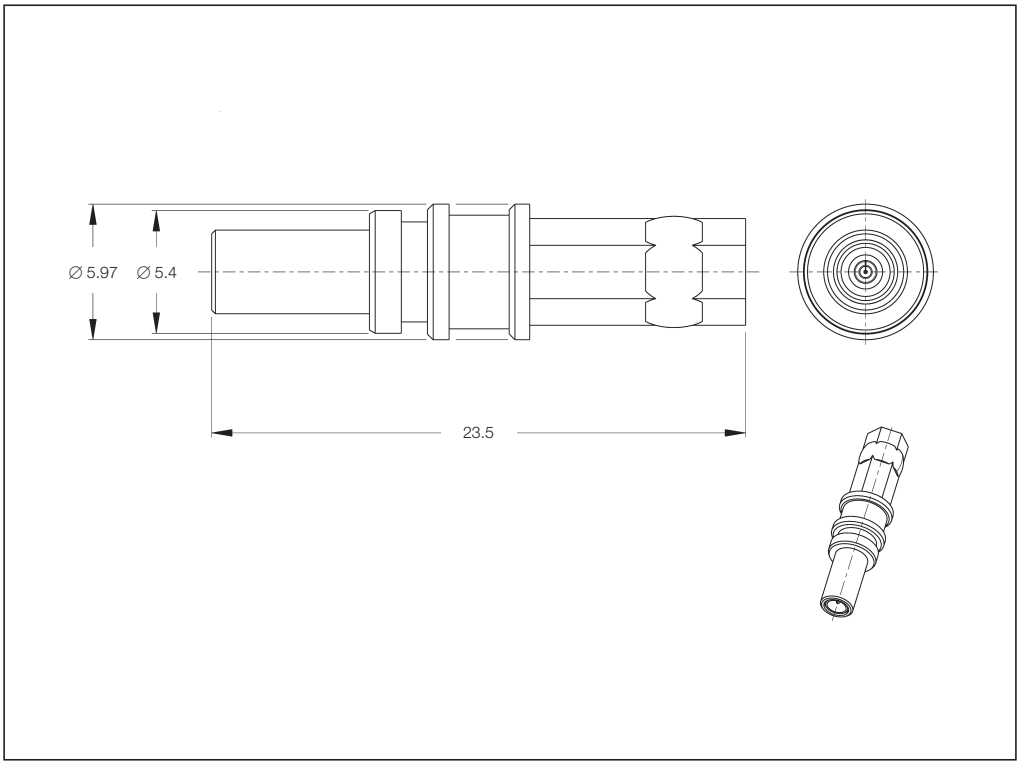
**Rating**
**Frequency Range:**
0 to 6,000 MHz

**Temperature Range:**
–40 °C to +100 °C

**Wire Size Range:**
Diameter 3.2 $^{\pm 0.3}$ mm RTK and
Diameter 3.5 $^{\pm 0.15}$ mm Low Loss

**Product Specification:**
108-2129

**Application Specification:**
114-18622




### Jack RTK 031/Low Loss Contact Stamped or Turned Suitable for Jack Housings, Part Nos. 1452580, 1452481 and 1452697

| For Cable Part No.* | Cable | Kit Part No. | Part Numbers of Needed Components | | | Package Quantity | Applicator for Contact | Hand Tool Crimp Inserts to be used in Hand Crimp Tool | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Center Contact | Sub-Assembly | Ferrule | | | Part No. 601966-1 for Contact | Part No. 539635-1 for Ferrule |
| **Stamped Contact** | | | | | | | | | |
| 956339-1<br>956339-2<br>956163-2 | RTK 031<br>Low Loss | N/A (1488171-2) 1) | 1418972-1 CuNiSi | 1488170-2 | 1488167-1 SfCu | Components must be ordered separately 1) | 9-541797-7 | N/A | 1-1579001-1 |
| **Turned Contact** | | | | | | | | | |
| 956339-1<br>956339-2 | RTK 031 | 1488171-1 1) | 1488168-1 CuZn | 1488170-1 | 1488167-1 SfCu | 1,000 | N/A | 1579003-4 | 1-1579001-1 |

1) Refer to Customer Drawing 1488570.

*) Other cable types have to be released by Tyco Electronics Product Engineering.

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



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## 75 Ohm Contact for 180° Plug Version – Open Outer Spring

### Technical Features

**Contact Material**
**Stamped Contact:**
CuNiSi

**Contact Finish:**
Gold plated

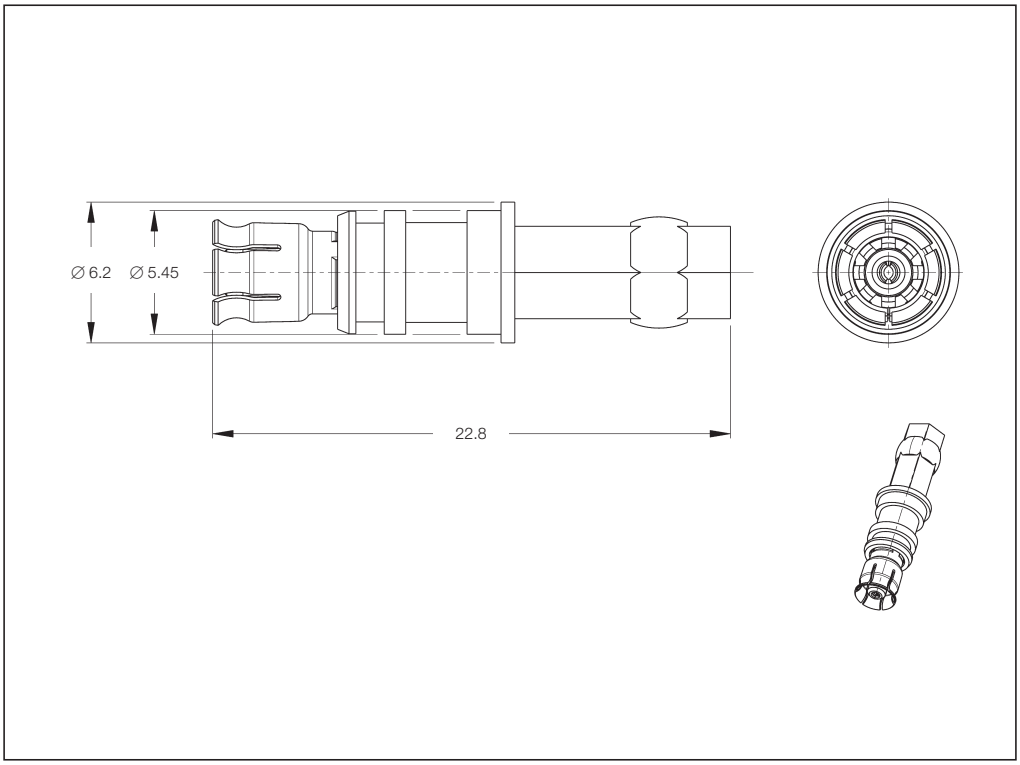
**Rating**
**Frequency Range:**
Cable dependant

**Temperature Range:**
–40 °C to +100 °C

**Wire Size Range:**
Diameter $3.2^{\pm 0.1}$ mm

**Product Specification:**
108-2129-1

**Application Specification:**
114-18622-1




**Plug Open Outer Spring 75 Ohm Contact Stamped Suitable for Plug Housings, Part Nos. 1452584, 1452483 and 1452587**

| For Cable Part No.* | Cable | Kit Part No. | Part Numbers of Needed Components | | | Package Quantity | Applicator for Contact | Hand Tool Crimp Inserts to be used in Hand Crimp Tool |
|---|---|---|---|---|---|---|---|---|
| | | | Center Contact | Sub-Assembly | Ferrule | | | Part No. 539635-1 for the Ferrule |
| **Stamped Contact** | | | | | | | | |
| 1703488-1 | 75 Ohm | N/A | 1418971-1 CuNiSi | 1488174-1 | 1488167-1 SfCu | Components must be ordered separately | 9-541782-7 | 1-1579001-1 |

*) Other cable types have to be released by Tyco Electronics Product Engineering.

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

## 75 Ohm Contact for 180° Plug Version – Closed Outer Spring

### Technical Features

**Contact Material**
**Stamped Contact:**
CuNiSi

**Contact Finish:**
Gold plated

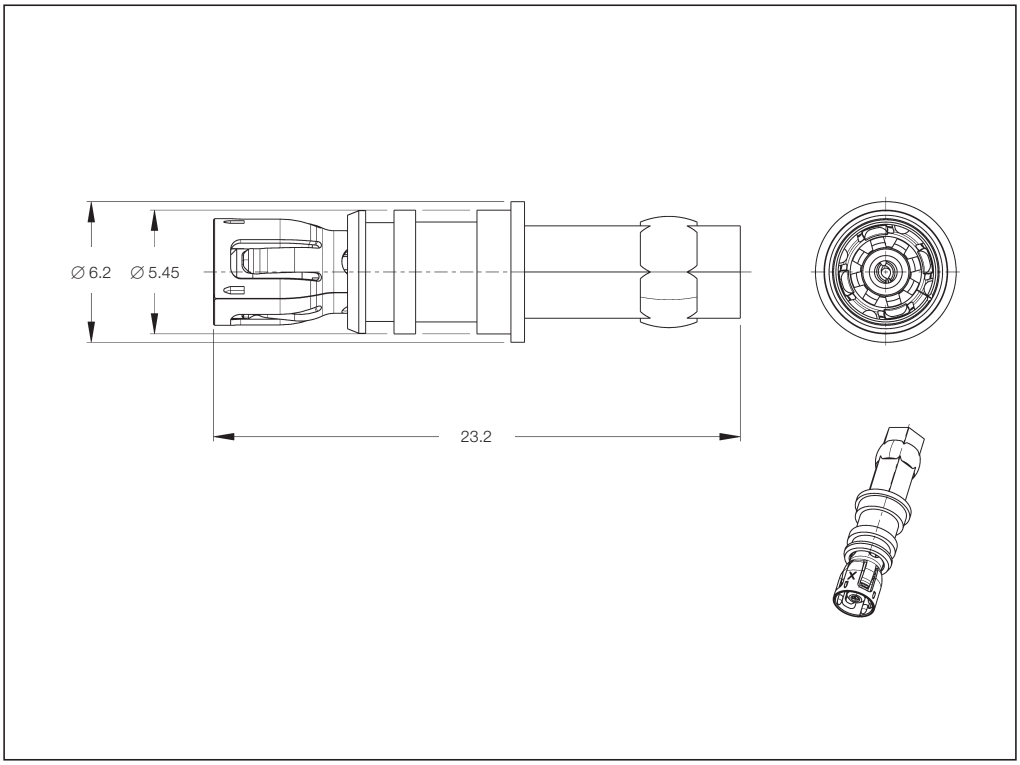
**Rating**
**Frequency Range:**
Cable dependant

**Temperature Range:**
–40 °C to +100 °C

**Wire Size Range:**
Diameter $3.2^{\pm 0.1}$ mm

**Product Specification:**
108-2129-1

**Application Specification:**
114-18622-1




**Plug Closed Outer Spring 75 Ohm Contact Stamped Suitable for Plug Housings, Part Nos. 1452584, 1452483 and 1452587**

| For Cable Part No.* | Cable | Kit Part No. | Part Numbers of Needed Components | | | Package Quantity | Applicator for Contact | Hand Tool Crimp Inserts to be used in Hand Crimp Tool |
|---|---|---|---|---|---|---|---|---|
| | | | Center Contact | Sub-Assembly | Ferrule | | | Part No. 539635-1 for the Ferrule |
| **Stamped Contact** | | | | | | | | |
| 1703488-1 | 75 Ohm | N/A | 1418971-1 CuNiSi | 1719794-1 | 1488167-1 SfCu | Components must be ordered separately | 9-541782-7 | 1-1579001-1 |

*) Other cable types have to be released by Tyco Electronics Product Engineering.

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



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## 75 Ohm Contact for 180° Jack Version

### Technical Features

**Contact Material**
**Stamped Contact:**
CuSn

**Contact Finish:**
Gold plated

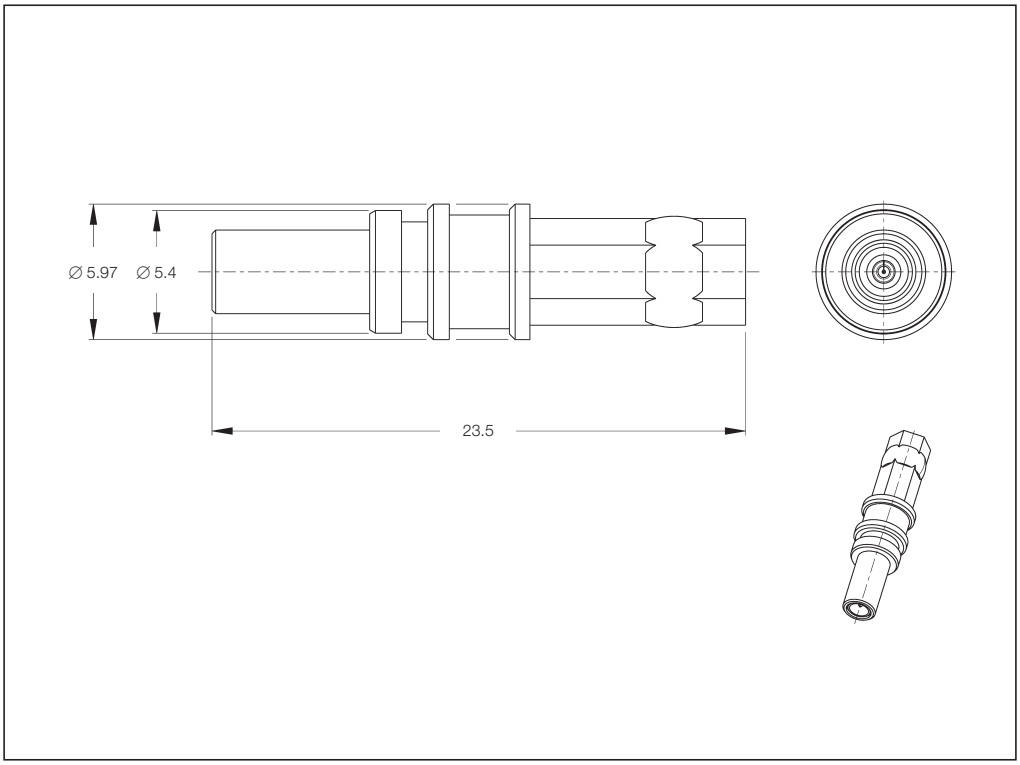
**Rating**
**Frequency Range:**
Cable dependant

**Temperature Range:**
–40 °C to +100 °C

**Wire Size Range:**
Diameter $3.2^{\pm 0.1}$ mm

**Product Specification:**
108-2129-1

**Application Specification:**
114-18622-1




**Jack 75 Ohm Contact Stamped Suitable for Jack Housings, Part Nos. 1452580, 1452481 and 1452697**

| For Cable Part No.* | Cable | Kit Part No. | Part Numbers of Needed Components | | | Package Quantity | Applicator for Contact | Hand Tool Crimp Inserts to be used in Hand Crimp Tool |
|---|---|---|---|---|---|---|---|---|
| | | | Center Contact | Sub-Assembly | Ferrule | | | Part No. 539635-1 for the Ferrule |
| **Stamped Contact** | | | | | | | | |
| 1703488-1 | 75 Ohm | N/A | 1418970-1 CuSn | 1488170-2 | 1488167-1 SfCu | Components must be ordered separately | 9-541782-7 | 1-1579001-1 |

*) Other cable types have to be released by Tyco Electronics Product Engineering.

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

## 1 Position Plug Housing

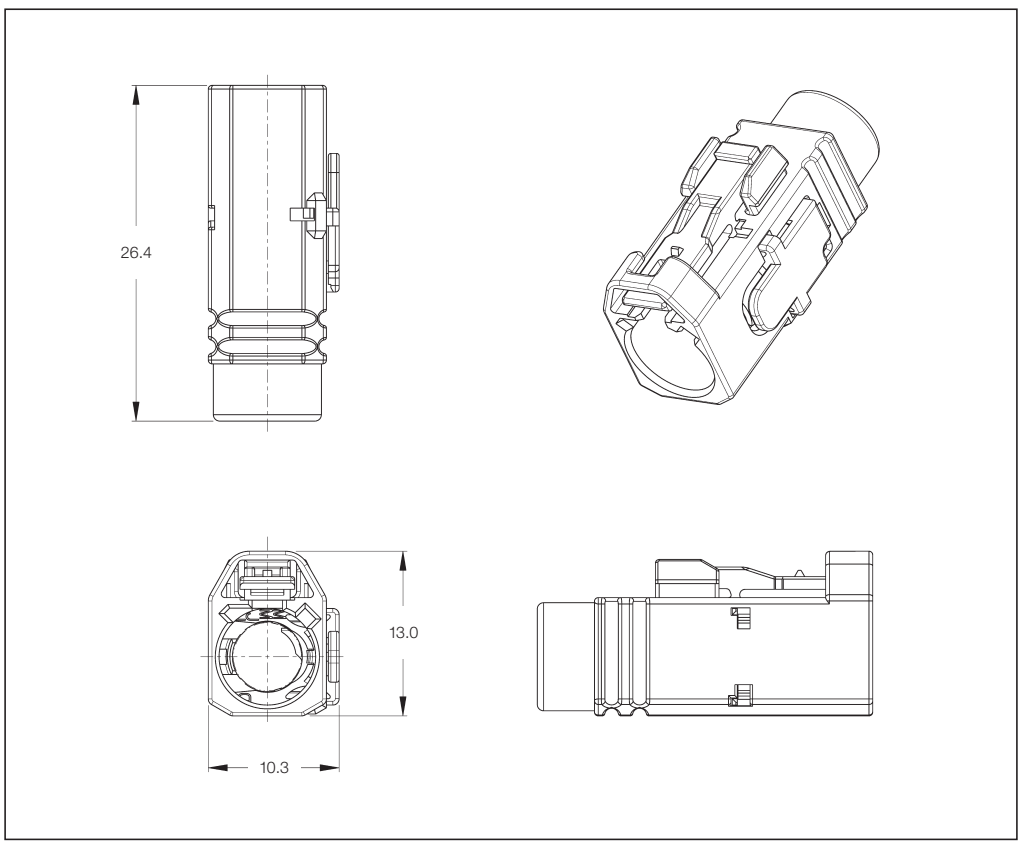
### Technical Features

**No. of Positions:**
1 Position Plug Housing

**Housing Material:**
PBT-GF

**Product Specification:**
108-18897-1

**Application Specification:**
114-18609-1




### 1 Position Plug Housings

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Plug Kit | Contacts* (Available for Cable Type) | Mating Jack Kit |
| A | Jet Black | 1452584-1 | RTK 031 RG 174 75 Ohm Cable Low Loss | 1452581-1 |
| B | Signal White | 1452584-2 | | 1452581-2 |
| C | Signal Blue | 1452584-3 | | 1452581-3 |
| D | Claret Violet | 1452584-4 | | 1452581-4 |
| E | Leaf Green | 1452584-5 | | 1452581-5 |
| F | Nut Brown | 1452584-6 | | 1452581-6 |
| G | Blue Gray | 1452584-7 | | 1452581-7 |
| H | Heather Violet | 1452584-8 | | 1452581-8 |
| I | Beige | 1452584-9 | | 1452581-9 |
| K | Curry | 1-1452584-0 | | 1-1452581-0 |
| Z | Water Blue | 1-1452584-1 | | 1-1452581-1 |

*) Contacts must be purchased separately.



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## 1 Position Jack Housing

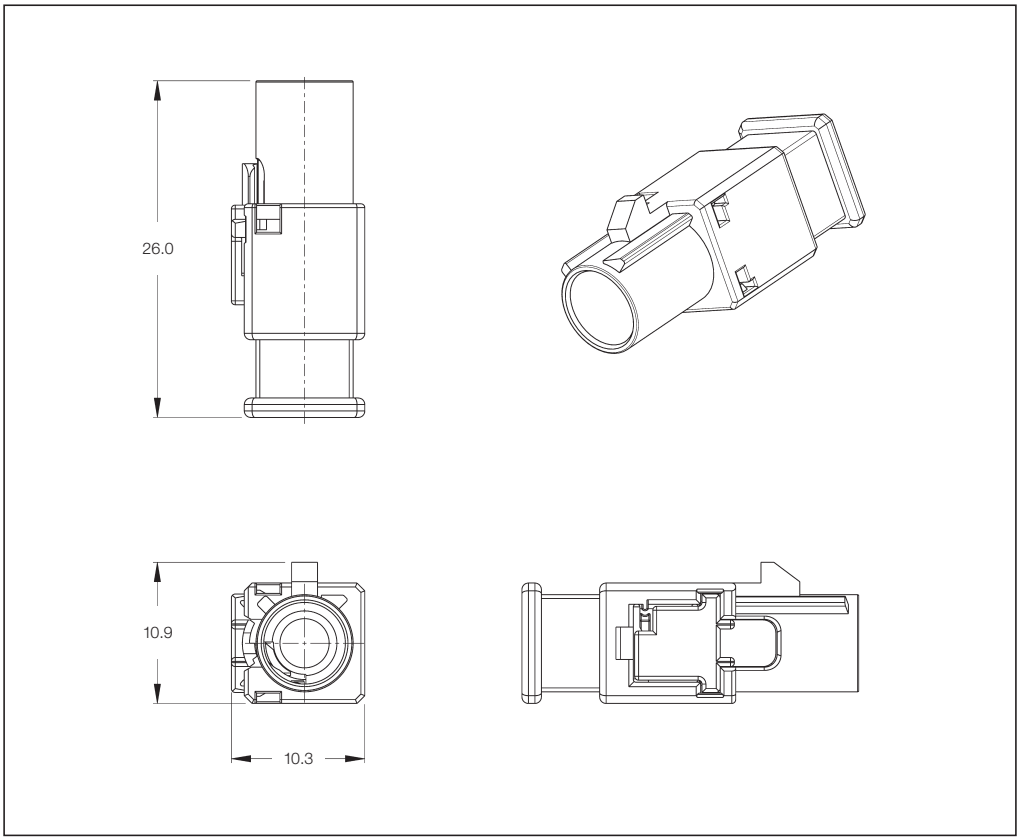
### Technical Features

**No. of Positions:**
1 Position Jack Housing

**Housing Material:**
PBT GF10

**Product Specification:**
108-18897-1

**Application Specification:**
114-18609-1




### 1 Position Jack Housings

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Jack Kit | Contacts* (Available for Cable Type) | Mating Plug Kit |
| A | Jet Black | 1452581-1 | RTK 031<br>RG 174<br>75 Ohm Cable<br>Low Loss | 1452584-1 |
| B | Signal White | 1452581-2 | | 1452584-2 |
| C | Signal Blue | 1452581-3 | | 1452584-3 |
| D | Claret Violet | 1452581-4 | | 1452584-4 |
| E | Leaf Green | 1452581-5 | | 1452584-5 |
| F | Nut Brown | 1452581-6 | | 1452584-6 |
| G | Blue Gray | 1452581-7 | | 1452584-7 |
| H | Heather Violet | 1452581-8 | | 1452584-8 |
| I | Beige | 1452581-9 | | 1452584-9 |
| K | Curry | 1-1452581-0 | | 1-1452584-0 |
| Z | Water Blue | 1-1452581-1 | | 1-1452584-1 |

*) Contacts must be purchased separately.

## 2 Positions 8.0 mm Plug Housing with Mounting Feature

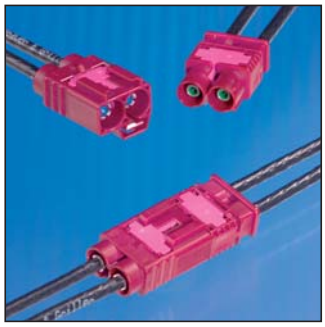
### Technical Features

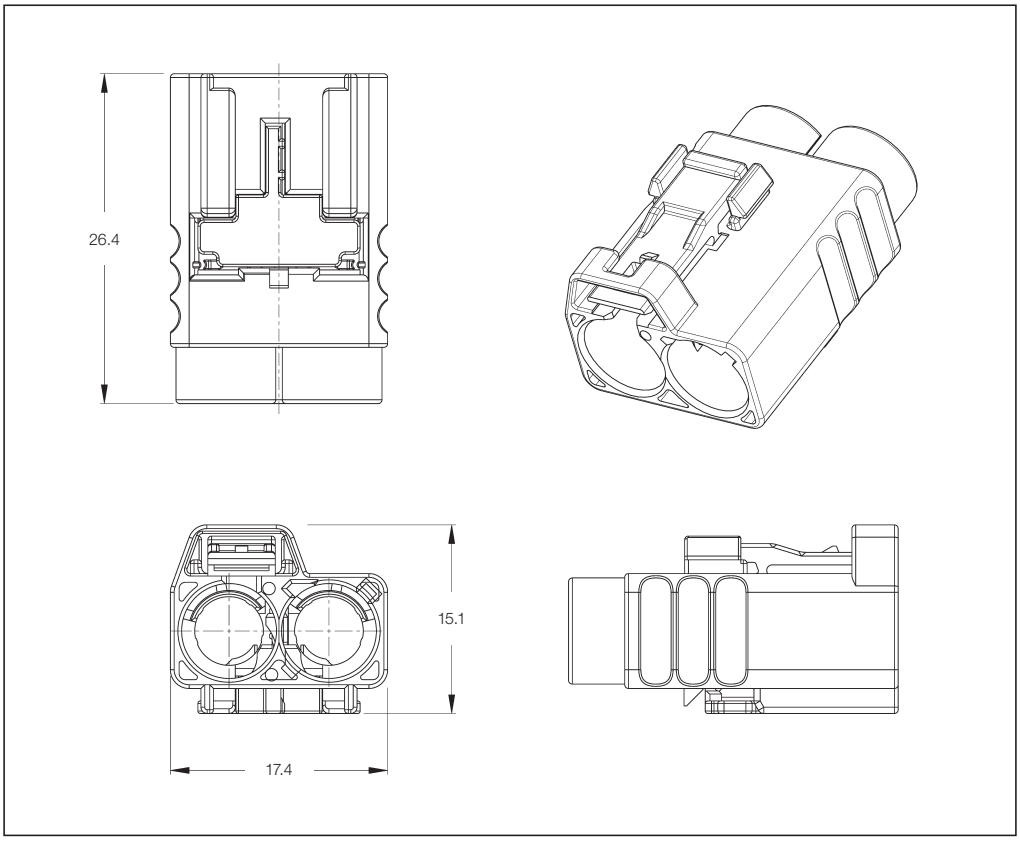
**No. of Positions:**
2 Positions 8.0 mm Plug Housing with Mounting Feature

**Housing Material:**
PBT GF10

**Product Specification:**
108-18897-1

**Application Specification:**
114-18609-1






### 2 Positions Plug Housing with Mounting Feature

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Plug Kit | Contacts* (Available for Cable Type) | Mating Jack Kit |
| A | Jet Black | 2-1452483-1 | RTK 031 RG 174 75 Ohm Cable Low Loss | 1452480-1 |
| B | Signal White | 2-1452483-2 | | 1452480-2 |
| C | Signal Blue | 2-1452483-3 | | 1452480-3 |
| D | Claret Violet | 2-1452483-4 | | 1452480-4 |
| E | Leaf Green | 2-1452483-5 | | 1452480-5 |
| F | Nut Brown | 2-1452483-6 | | 1452480-6 |
| G | Blue Gray | 2-1452483-7 | | 1452480-7 |
| H | Heather Violet | 2-1452483-8 | | 1452480-8 |
| I | Beige | 2-1452483-9 | | 1452480-9 |
| K | Curry | 3-1452483-0 | | 1-1452480-0 |
| Z | Water Blue | 3-1452483-1 | | 1-1452480-1 |

*) Contacts must be purchased separately.



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## 2 Positions 8.0 mm Plug Housing without Mounting Feature

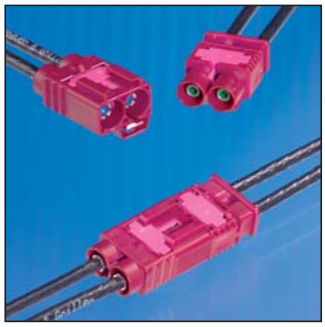
### Technical Features

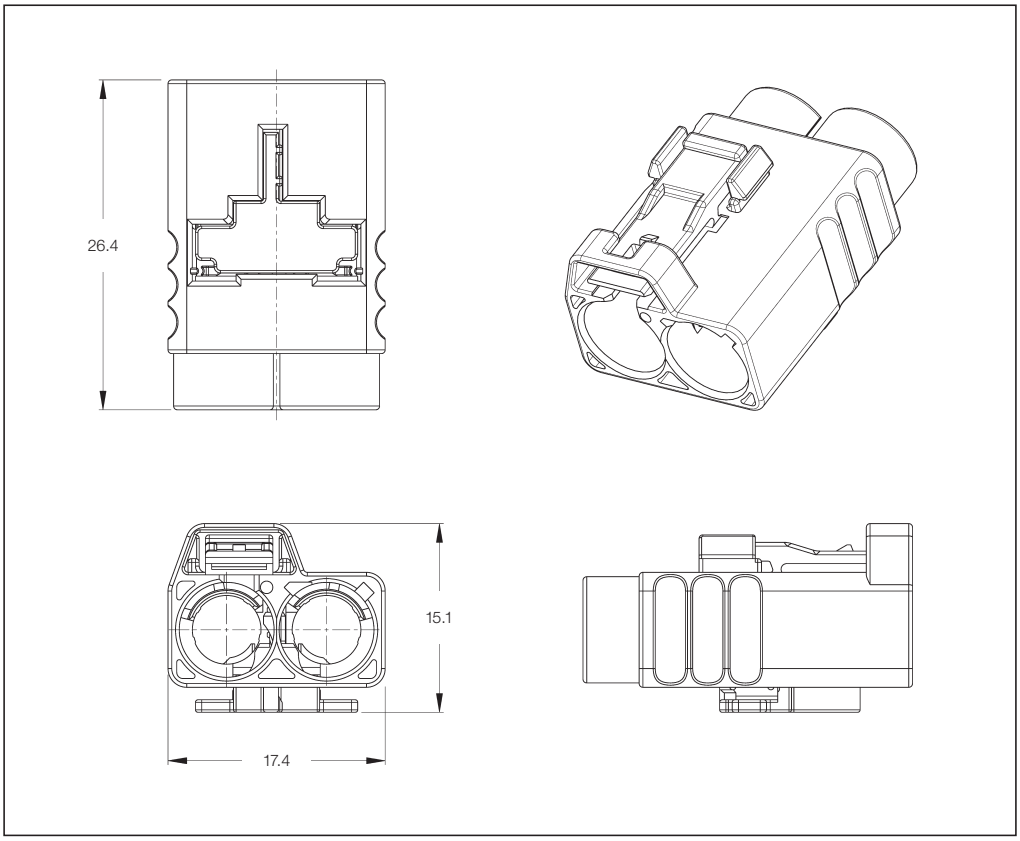
**No. of Positions:**
2 Positions 8.0 mm Plug Housing without Mounting Feature

**Housing Material:**
PBT GF10

**Product Specification:**
108-18897-1

**Application Specification:**
114-18609-1






### 2 Positions Plug Housing without Mounting Feature

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Plug Kit | Contacts* (Available for Cable Type) | Mating Jack Kit |
| A | Jet Black | 1452483-1 | RTK 031 RG 174 75 Ohm Cable Low Loss | 1452480-1 |
| B | Signal White | 1452483-2 | | 1452480-2 |
| C | Signal Blue | 1452483-3 | | 1452480-3 |
| D | Claret Violet | 1452483-4 | | 1452480-4 |
| E | Leaf Green | 1452483-5 | | 1452480-5 |
| F | Nut Brown | 1452483-6 | | 1452480-6 |
| G | Blue Gray | 1452483-7 | | 1452480-7 |
| H | Heather Violet | 1452483-8 | | 1452480-8 |
| I | Beige | 1452483-9 | | 1452480-9 |
| K | Curry | 1-1452483-0 | | 1-1452480-0 |
| Z | Water Blue | 1-1452483-1 | | 1-1452480-1 |

*) Contacts must be purchased separately.

## 2 Positions 8.0 mm Jack Housing

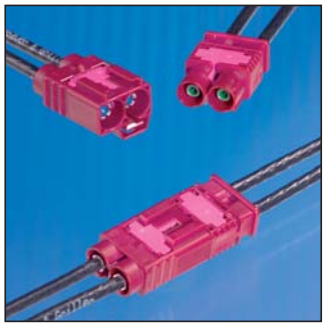
### Technical Features

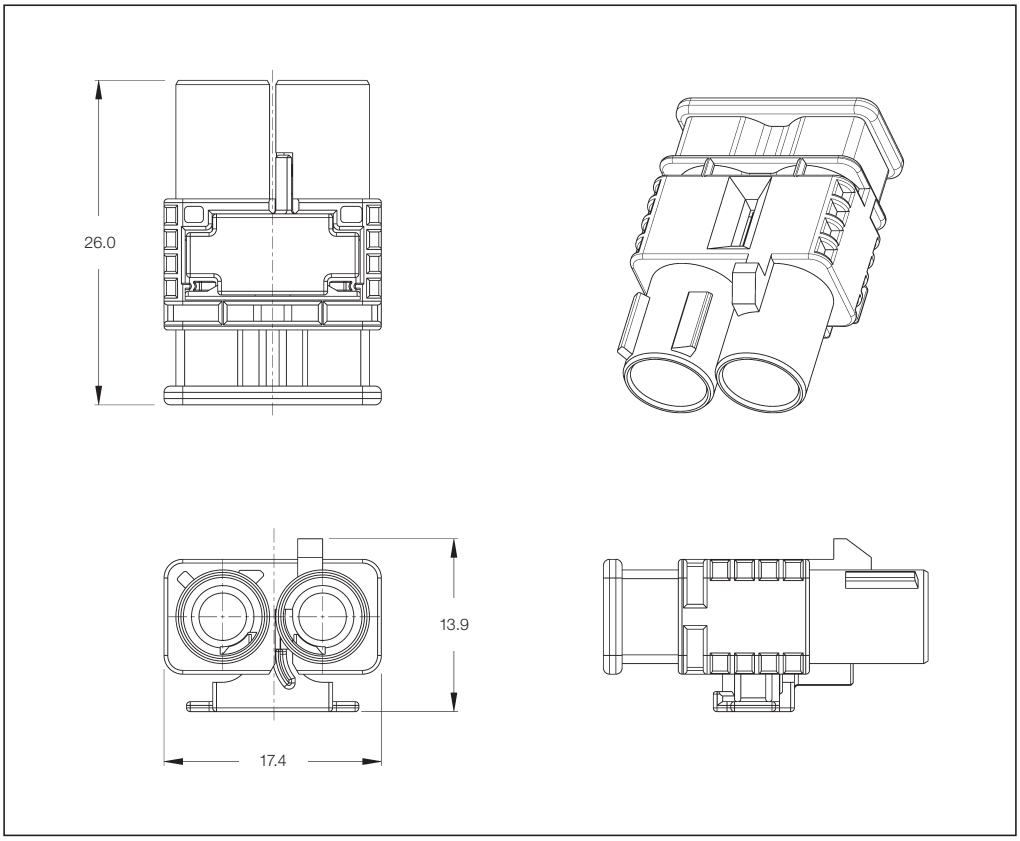
**No. of Positions:**
2 Positions 8.0 mm Jack Housing

**Housing Material:**
PBT GF10

**Product Specification:**
108-18897-1

**Application Specification:**
114-18609-1






### 2 Positions 8.0 mm Jack Housing

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Jack Kit | Contacts* (Available for Cable Type) | Mating Plug Kit |
| A | Jet Black | 1452480-1 | RTK 031<br>RG 174<br>75 Ohm Cable<br>Low Loss | 1452483-1 |
| B | Signal White | 1452480-2 | | 1452483-2 |
| C | Signal Blue | 1452480-3 | | 1452483-3 |
| D | Claret Violet | 1452480-4 | | 1452483-4 |
| E | Leaf Green | 1452480-5 | | 1452483-5 |
| F | Nut Brown | 1452480-6 | | 1452483-6 |
| G | Blue Gray | 1452480-7 | | 1452483-7 |
| H | Heather Violet | 1452480-8 | | 1452483-8 |
| I | Beige | 1452480-9 | | 1452483-9 |
| K | Curry | 1-1452480-0 | | 1-1452483-0 |
| Z | Water Blue | 1-1452480-1 | | 1-1452483-1 |

*) Contacts must be purchased separately.



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## 2 Positions 12.7 mm Plug Housing

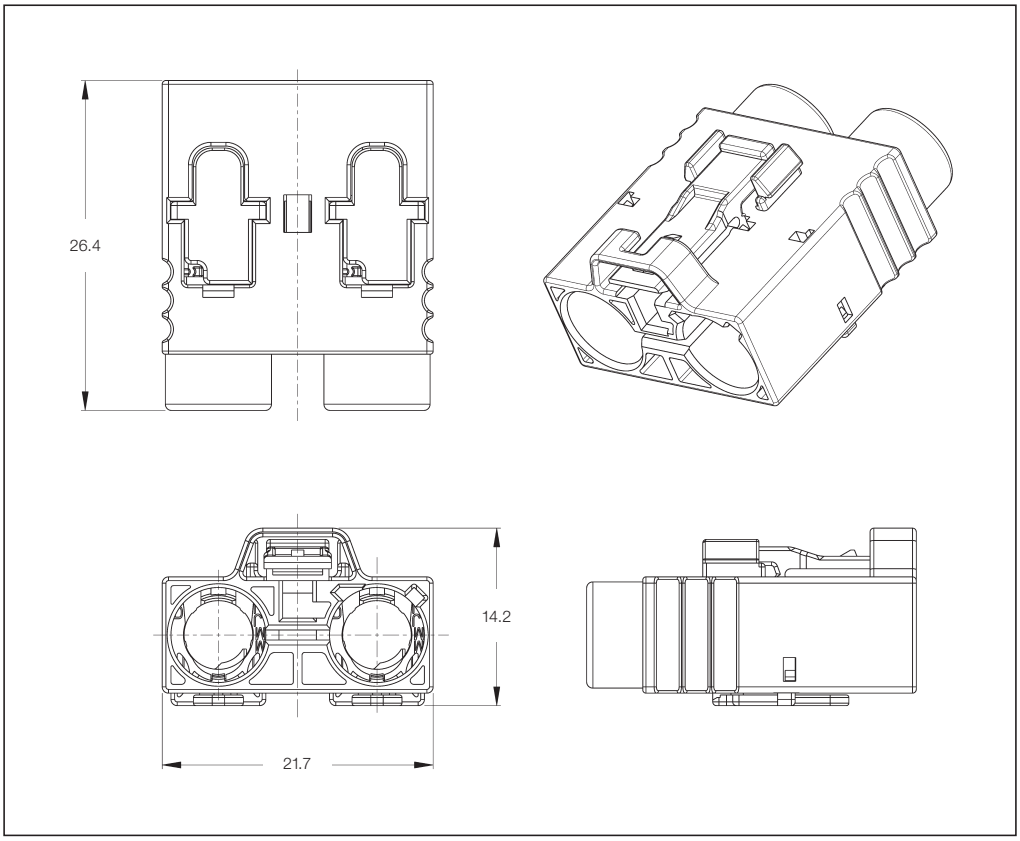
### Technical Features

**No. of Positions:**
2 Positions Plug Kit, unassembled

**Housing Material:**
PBT GF10

**Product Specification:**
108-18897-1

**Application Specification:**
114-18609-1




### 2 Positions 12.7 mm Plug Housing

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Plug Kit | Contacts* (Available for Cable Type) | Mating Jack Kit |
| A | Jet Black | 1452587-1 | RTK 031<br>RG 174<br>75 Ohm Cable<br>Low Loss | 1452697-1 |
| B | Signal White | 1452587-2 | | 1452697-2 |
| C | Signal Blue | 1452587-3 | | 1452697-3 |
| D | Claret Violet | 1452587-4 | | 1452697-4 |
| E | Leaf Green | 1452587-5 | | 1452697-5 |
| F | Nut Brown | 1452587-6 | | 1452697-6 |
| G | Blue Gray | 1452587-7 | | 1452697-7 |
| H | Heather Violet | 1452587-8 | | 1452697-8 |
| I | Beige | 1452587-9 | | 1452697-9 |
| K | Curry | 1-1452587-0 | | 1-1452697-0 |
| Z | Water Blue | 1-1452587-1 | | 1-1452697-1 |

*) Contacts must be purchased separately.

## 2 Positions 12.7 mm Jack Housing

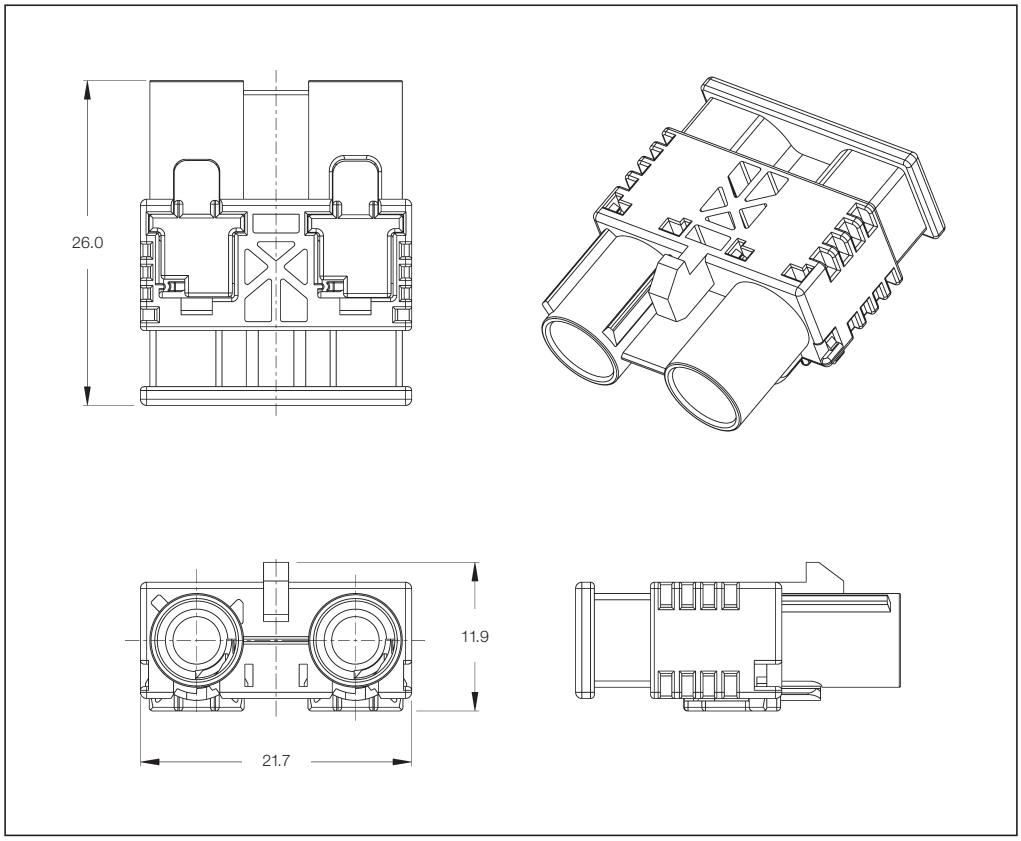
### Technical Features

**No. of Positions:**
2 Positions Jack Kit, unassembled

**Housing Material:**
PBT GF10

**Product Specification:**
108-18897-1

**Application Specification:**
114-18609-1




### 2 Positions 12.7 mm Jack Housing

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Jack Kit | Contacts* (Available for Cable Type) | Mating Plug Kit |
| A | Jet Black | 1452697-1 | RTK 031 RG 174 75 Ohm Cable Low Loss | 1452587-1 |
| B | Signal White | 1452697-2 | | 1452587-2 |
| C | Signal Blue | 1452697-3 | | 1452587-3 |
| D | Claret Violet | 1452697-4 | | 1452587-4 |
| E | Leaf Green | 1452697-5 | | 1452587-5 |
| F | Nut Brown | 1452697-6 | | 1452587-6 |
| G | Blue Gray | 1452697-7 | | 1452587-7 |
| H | Heather Violet | 1452697-8 | | 1452587-8 |
| I | Beige | 1452697-9 | | 1452587-9 |
| K | Curry | 1-1452697-0 | | 1-1452587-0 |
| Z | Water Blue | 1-1452697-1 | | 1-1452587-1 |

*) Contacts must be purchased separately.



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## 1 Position 90° Non-Turnable Plug Housing

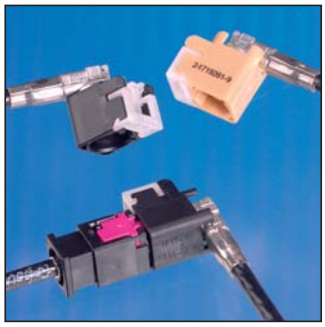
### Technical Features

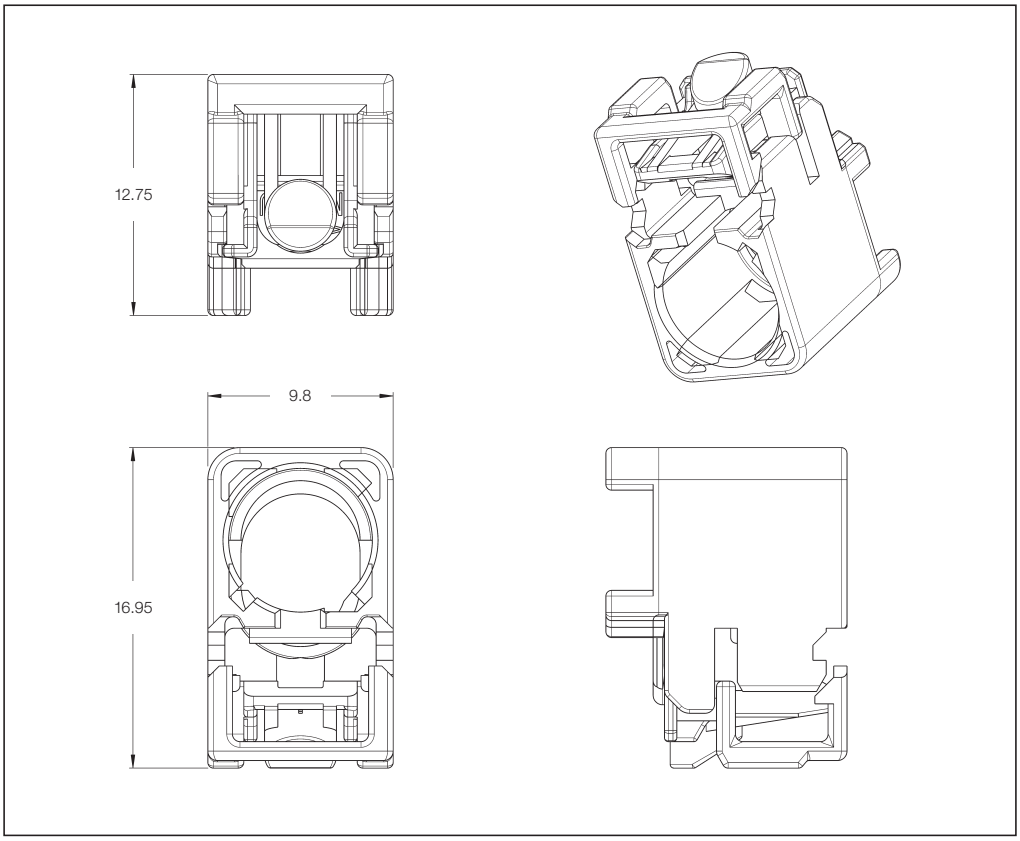
**No. of Positions:**
1 Position 90° Non-Turnable Plug Housing

**Housing Material:**
PBT GF10

**Product Specification:**
108-18897-1

**Application Specification:**
114-18803-1






### 1 Position 90° Non-Turnable Plug Housing

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Plug Kit | Contacts* (Available for Cable Type) | Mating Jack Kit |
| A | Jet Black | 1719261-1 | | 1452581-1 |
| B | Signal White | 1719261-2 | | 1452581-2 |
| C | Signal Blue | 1719261-3 | | 1452581-3 |
| D | Claret Violet | 1719261-4 | | 1452581-4 |
| E | Leaf Green | 1719261-5 | RTK 031 | 1452581-5 |
| F | Nut Brown | 1719261-6 | RG 174 | 1452581-6 |
| G | Blue Gray | 1719261-7 | 75 Ohm Cable | 1452581-7 |
| H | Heather Violet | 1719261-8 | Low Loss | 1452581-8 |
| I | Beige | 1719261-9 | | 1452581-9 |
| K | Curry | 1-1719261-0 | | 1-1452581-0 |
| Z | Water Blue | 1-1719261-1 | | 1-1452581-1 |
| M | Pastel Orange | 1-1719261-3 | | N/A |

*) Contacts must be purchased separately.

## 1 Position 90° Turnable Plug Housing

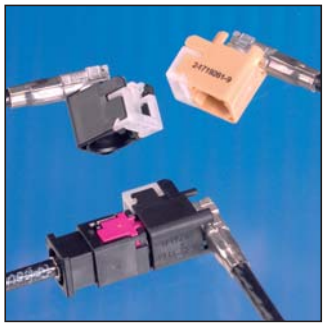
### Technical Features

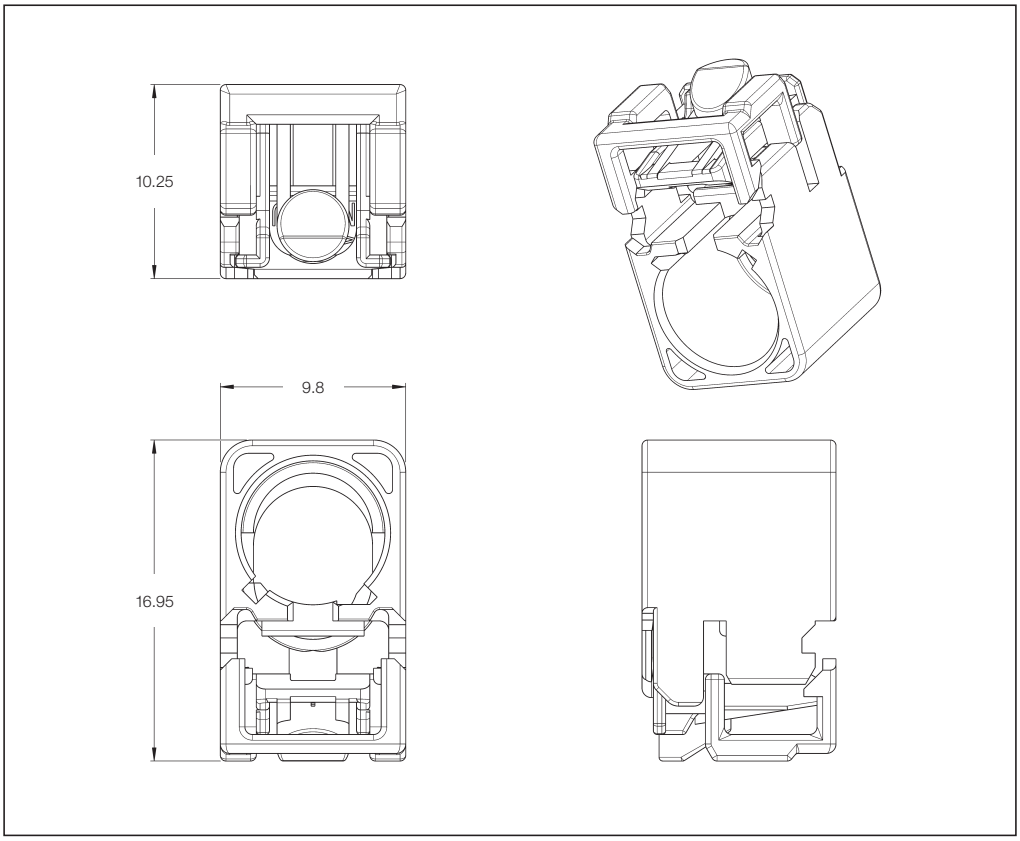
**No. of Positions:**
1 Position 90° Turnable Plug Housing

**Housing Material:**
PBT GF10

**Product Specification:**
108-18897-1

**Application Specification:**
114-18803-1






### 1 Position 90° Turnable Plug Housing

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Plug Kit | Contacts* (Available for Cable Type) | Mating Jack Kit |
| A | Jet Black | 2-1719261-1 | | 1452581-1 |
| B | Signal White | 2-1719261-2 | | 1452581-2 |
| C | Signal Blue | 2-1719261-3 | | 1452581-3 |
| D | Claret Violet | 2-1719261-4 | | 1452581-4 |
| E | Leaf Green | 2-1719261-5 | RTK 031 | 1452581-5 |
| F | Nut Brown | 2-1719261-6 | RG 174 | 1452581-6 |
| G | Blue Gray | 2-1719261-7 | 75 Ohm Cable | 1452581-7 |
| H | Heather Violet | 2-1719261-8 | Low Loss | 1452581-8 |
| I | Beige | 2-1719261-9 | | 1452581-9 |
| K | Curry | 3-1719261-0 | | 1-1452581-0 |
| Z | Water Blue | 3-1719261-1 | | 1-1452581-1 |
| M | Pastel Orange | 3-1719261-3 | | N/A |

*) Contacts must be purchased separately.



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## 1 Position Printed Circuit Board Header 180° Version

### Technical Features

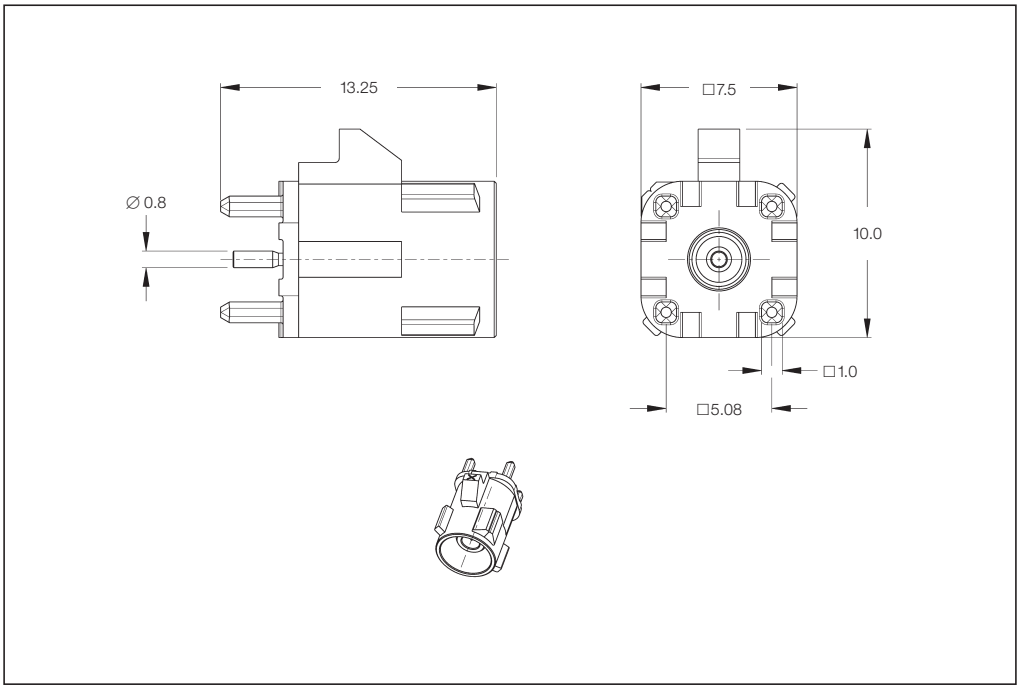
**Contact Material**
**Center Contact:**
CuZn
**Dielectric:**
PA
**Outer Contact:**
Zn-cast

**Surface Finish**
**Center Contact:**
Au
**Outer Contact:**
Sn

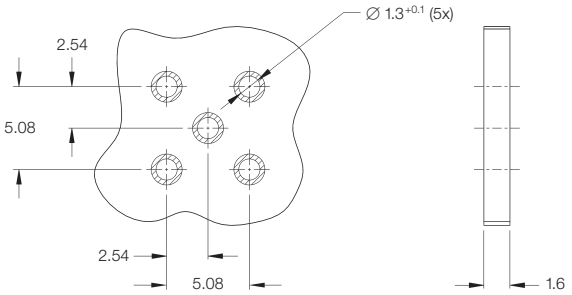
**Rating**
**Frequency Range:**
0 to 6,000 MHz

**Product Specification:**
108-18079

**Application Specification:**
114-18862




**Recommended PC Board Layout**




### 1 Position Printed Circuit Board Header 180° Version

| No. of Positions | Housing Color | PCB Jack | Mating Receptacle Part Numbers | | | |
|---|---|---|---|---|---|---|
| | | | Terminal | Housing | Cover | Type |
| 1 | See Customer Drawing | 1703339-1/-9<br>1-1703339-1<br>See Customer Drawing | 1488155-1 | 1452484-1/-9<br>1-1452484-1<br>See Customer Drawing | – | 180° |
| | | | 1488155-2 | | | |
| | | | 1719791-1 | | | |
| | | | 1719791-2 | | | |
| | | | 1488175-1 | | | |
| | | | 1488175-2 | | | |
| | | | 1719792-1 | | | |
| | | | 1719792-2 | | | |
| | | | 1719655-1 | Assy x-1719261-x | – | 90° |
| | | | 1719252-1 | Assy x-1719261-x | – | 90° |
| | | | 1718080-2 | x-1718030-x | 1718030 | 90° |

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

## 1 Position Printed Circuit Board Header 90° Version

### Technical Features

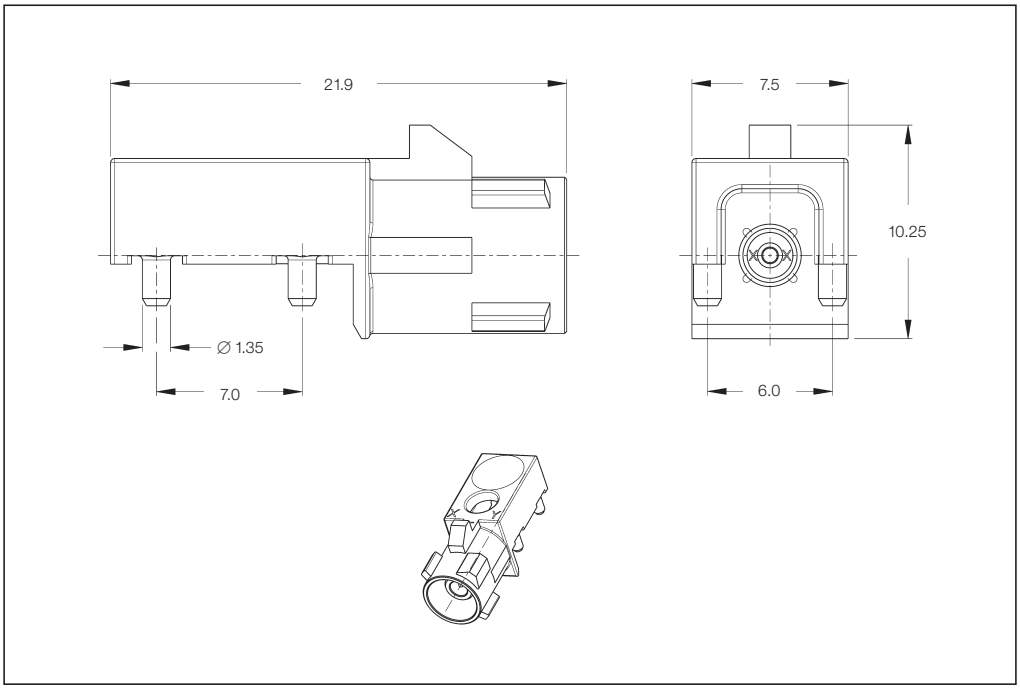
**Contact Material**
**Center Contact:**
CuZn
**Dielectric:**
PA
**Outer Contact:**
Zn-cast

**Surface Finish**
**Center Contact:**
Au
**Outer Contact:**
Sn

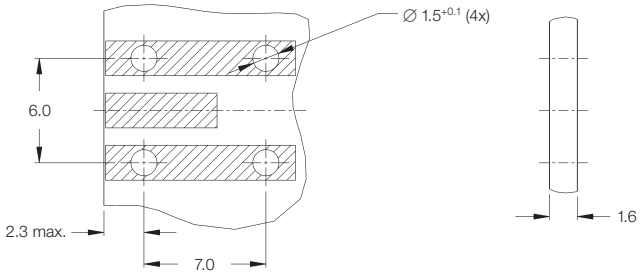
**Rating**
**Frequency Range:**
0 to 6,000 MHz

**Product Specification:**
108-18079

**Application Specification:**
114-18862



**Recommended PC Board Layout**




### 1 Position Printed Circuit Board Header 90° Version

| No. of Positions | Housing Color | PCB Jack | Mating Receptacle Part Numbers | | | |
|---|---|---|---|---|---|---|
| | | | Terminal | Housing | Cover | Type |
| 1 | See Customer Drawing | 1670861-1/-9<br>1-1670861-1<br>See Customer Drawing | 1488155-1 | 1452484-1/-9<br>1-1452484-1<br>See Customer Drawing | – | 180° |
| | | | 1488155-2 | | | |
| | | | 1719791-1 | | | |
| | | | 1719791-2 | | | |
| | | | 1488175-1 | | | |
| | | | 1488175-2 | | | |
| | | | 1719792-1 | | | |
| | | | 1719792-2 | | | |
| | | | 1719655-1 | Assy x-1719261-x | – | 90° |
| | | | 1719252-1 | Assy x-1719261-x | – | 90° |
| | | | 1718080-2 | x-1718030-x | 1718030 | 90° |

*) Other cable types have to be released by Tyco Electronics Product Engineering.

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



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## 2 Positions Printed Circuit Board Header 180° Version

### Technical Features

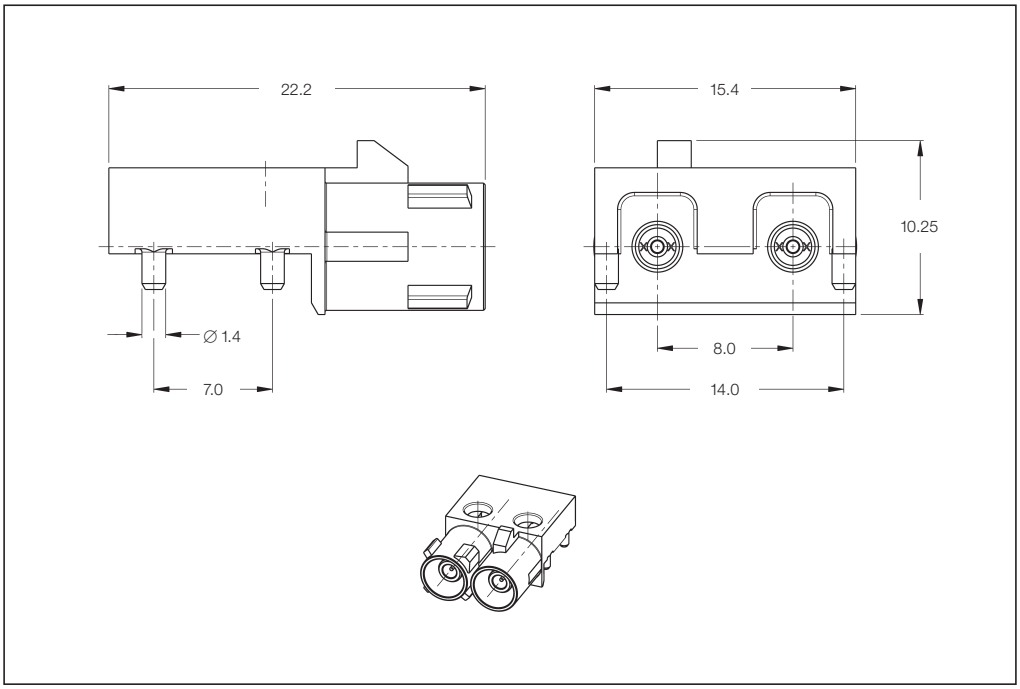
**Contact Material**
**Center Contact:**
CuZn
**Dielectric:**
PA
**Outer Contact:**
Zn-cast

**Surface Finish**
**Center Contact:**
Au
**Outer Contact:**
Sn

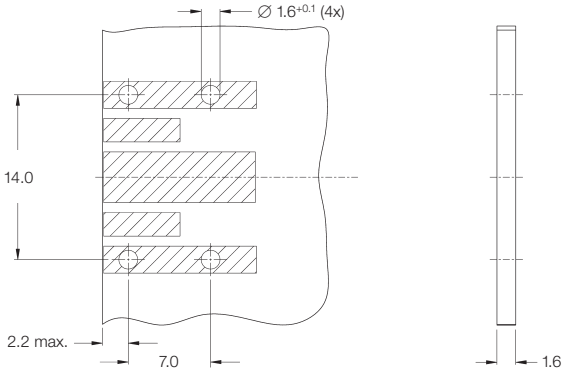
**Rating**
**Frequency Range:**
0 to 6,000 MHz

**Product Specification:**
108-18079

**Application Specification:**
114-18862



**Recommended PC Board Layout**




### 2 Positions Printed Circuit Board Header 180° Version

| No. of Positions | Housing Color | PCB Jack | Mating Receptacle Part Numbers | | |
|---|---|---|---|---|---|
| | | | Terminal | Housing | Type |
| 2 | See Customer Drawing | 1670607-1/-9<br>1-1670607-1<br>See Customer Drawing | 1488155-1 (two times)<br>1488155-2 (two times)<br>1719791-1 (two times)<br>1719791-2 (two times)<br>1488175-1 (two times)<br>1488175-2 (two times)<br>1719792-1 (two times)<br>1719792-2 (two times) | 1452483-1/-9<br>1-1452483-1<br>See Customer Drawing | 180° |

*) Other cable types have to be released by Tyco Electronics Product Engineering.
**Note:** All Part Numbers are RoHS and ELV compliant.

## Engineering Notes


All specifications subject to change. Consult Tyco Electronics for latest specifications.

## Socket Contacts SMB

### Technical Features

**Contact Material:**
Phosphor Bronze

**Contact Finish:**
Gold over Nickel

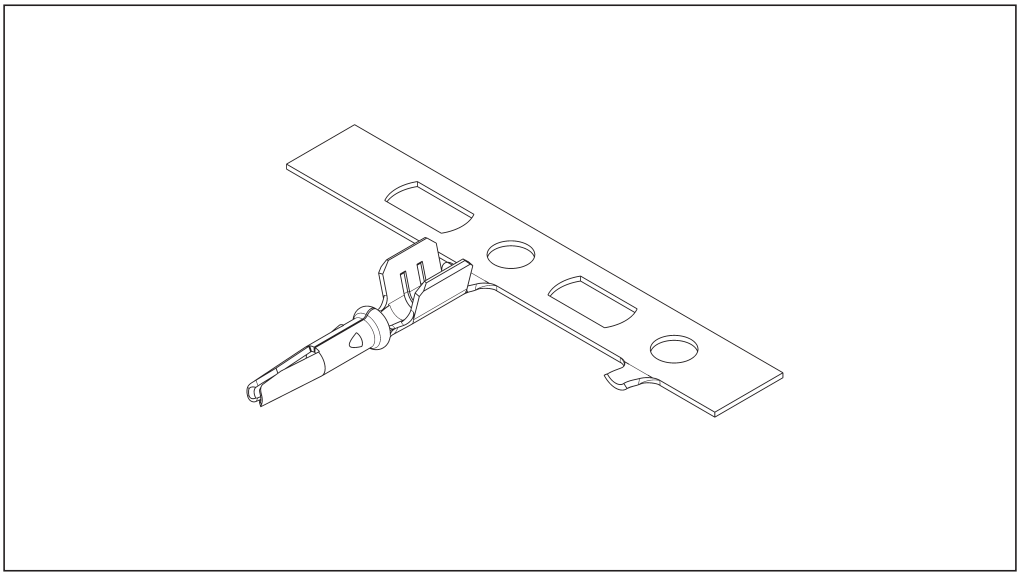
**Current Rating:**
1 Ampere max.

**Temperature Range:**
–40 °C to +85 °C

**Wire Size Range:**
See Chart

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157



### Cable Types RG 58/RG 58LL

| Cable Type | Material and Finish | Part Numbers | | | | | |
|---|---|---|---|---|---|---|---|
| | | Strip Form | Package Quantity | Loose-Piece | Package Quantity | Applicator | Hand Tool |
| RG 58<br>RG 58LL | Phosphor Bronze, Gold over Nickel | 1438896-2 | 15,000 | N/A | N/A | 1385456-3 | N/A |

### Cable Types RG 174/RG 174LL/RG 316/1.5DS

| Cable Type | Material and Finish | Part Numbers | | | | | |
|---|---|---|---|---|---|---|---|
| | | Strip Form | Package Quantity | Loose-Piece | Package Quantity | Applicator | Hand Tool |
| RG 174<br>RG 174LL<br>RG 316<br>1.5DS | Phosphor Bronze, Gold over Nickel | 1438896-4 | 15,000 | N/A | N/A | 1385675-3 | N/A |

### Cable Types RG 62/RG 71/RG 59/59 Mini

| Cable Type | Material and Finish | Part Numbers | | | | | |
|---|---|---|---|---|---|---|---|
| | | Strip Form | Package Quantity | Loose-Piece | Package Quantity | Applicator | Hand Tool |
| RG 62<br>RG 71<br>RG 59<br>59 Mini | Phosphor Bronze, Gold over Nickel | 1438896-4 | 15,000 | N/A | N/A | 680900-1 or 1385623-3 | N/A |

### Cable Types RG 62U/M/RG 71U/M/RG 179

| Cable Type | Material and Finish | Part Numbers | | | | | |
|---|---|---|---|---|---|---|---|
| | | Strip Form | Package Quantity | Loose-Piece | Package Quantity | Applicator | Hand Tool |
| RG 62U/M<br>RG 71U/M<br>RG 179 | Phosphor Bronze, Gold over Nickel | 1438896-6 | 15,000 | N/A | N/A | 680900-1 or 1385624-3 | N/A |

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

## Pin Contacts SMB

### Technical Features

**Contact Material:**
Phosphor Bronze

**Contact Finish:**
Gold over Nickel

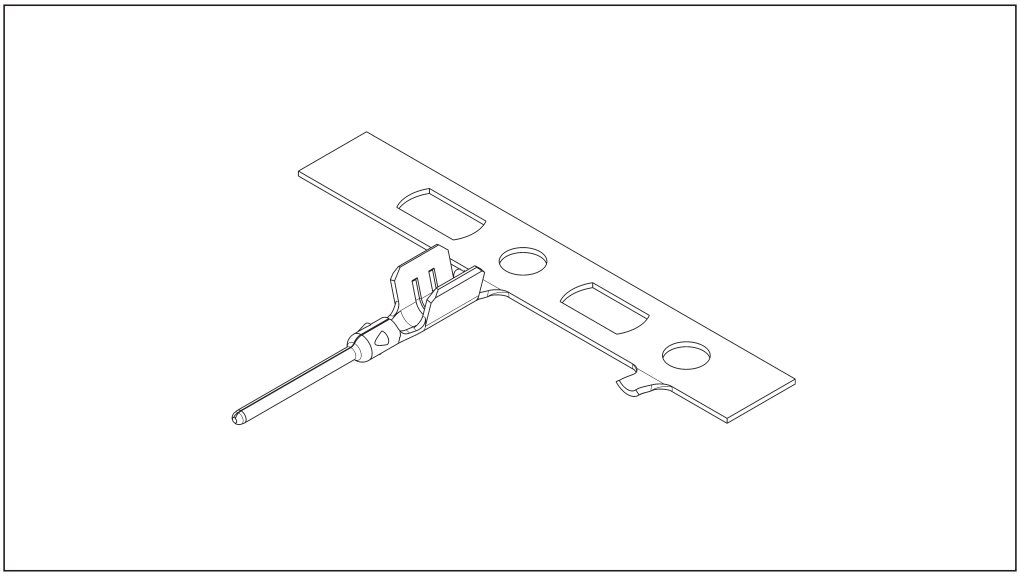
**Current Rating:**
1 Ampere max.

**Temperature Range:**
–40 °C to +85 °C

**Wire Size Range:**
See Chart

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157



### Cable Types RG 58/RG 58LL

| Cable Type | Material and Finish | Part Numbers | | | | | |
|---|---|---|---|---|---|---|---|
| | | Strip Form | Package Quantity | Loose-Piece | Package Quantity | Applicator | Hand Tool |
| RG 58<br>RG 58LL | Phosphor Bronze, Gold over Nickel | 1438890-7 | 15,000 | N/A | N/A | 1385456-3 | N/A |

### Cable Types RG 174/RG 174LL/RG 316/1.5DS

| Cable Type | Material and Finish | Part Numbers | | | | | |
|---|---|---|---|---|---|---|---|
| | | Strip Form | Package Quantity | Loose-Piece | Package Quantity | Applicator | Hand Tool |
| RG 174<br>RG 174LL<br>RG 316<br>1.5DS | Phosphor Bronze, Gold over Nickel | 1438890-8 | 15,000 | N/A | N/A | 1385675-3 | N/A |

### Cable Types RG 62/RG 71/RG 59/59 Mini

| Cable Type | Material and Finish | Part Numbers | | | | | |
|---|---|---|---|---|---|---|---|
| | | Strip Form | Package Quantity | Loose-Piece | Package Quantity | Applicator | Hand Tool |
| RG 62<br>RG 71<br>RG 59<br>59 Mini | Phosphor Bronze, Gold over Nickel | 1438890-8 | 15,000 | N/A | N/A | 680900-1 or 1385623-3 | N/A |

### Cable Types RG 62U/M/RG 71U/M/RG 179

| Cable Type | Material and Finish | Part Numbers | | | | | |
|---|---|---|---|---|---|---|---|
| | | Strip Form | Package Quantity | Loose-Piece | Package Quantity | Applicator | Hand Tool |
| RG 62U/M<br>RG 71U/M<br>RG 179 | Phosphor Bronze, Gold over Nickel | 1438890-9 | 15,000 | N/A | N/A | 680900-1 or 1385624-3 | N/A |

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



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## 1 Position Jack Kit for RG 62

### Technical Features

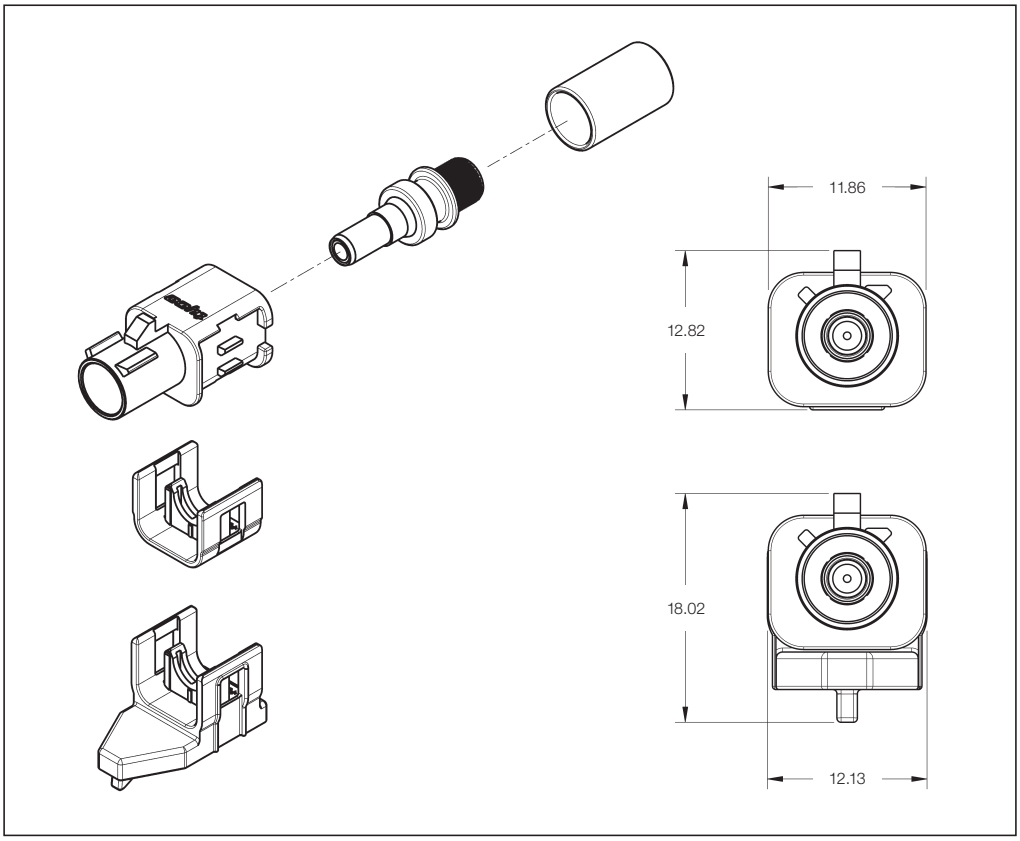
**No. of Positions:**
1 Position Jack Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 62

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 1 Position Jack Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Jack Kit | Contacts* | Mating Plug Kit |
| A | Jet Black | 1438891-1 | 1438890-8 | 1438897-1 or |
| | | 5-1438891-1 | | 1438904-1 |
| B | Signal White | 1438891-2 | | 1438897-2 or |
| | | 5-1438891-2 | | 1438904-2 |
| C | Signal Blue | 1438891-3 | | 1438897-3 or |
| | | 5-1438891-3 | | 1438904-3 |
| D | Claret Violet | 1438891-4 | | 1438897-4 or |
| | | 5-1438891-4 | | 1438904-4 |
| F | Nut Brown | 1438891-6 | | 1438897-6 or |
| | | 5-1438891-6 | | 1438904-6 |
| H | Heather Violet | 1438891-8 | | 1438897-8 or |
| | | 5-1438891-8 | | 1438904-8 |
| K | Curry | 1-1438891-0 | | 1-1438897-0 or |
| | | 6-1438891-0 | | 1-1438904-4 |

*) Pin Contact Part No. 1438890-8 must be purchased separately.
5-xxx or 6-xxx indicates body clip slot on lock.

## 1 Position Jack Kit for RG 58, RG 58 Low Loss and RG 59 Mini

### Technical Features

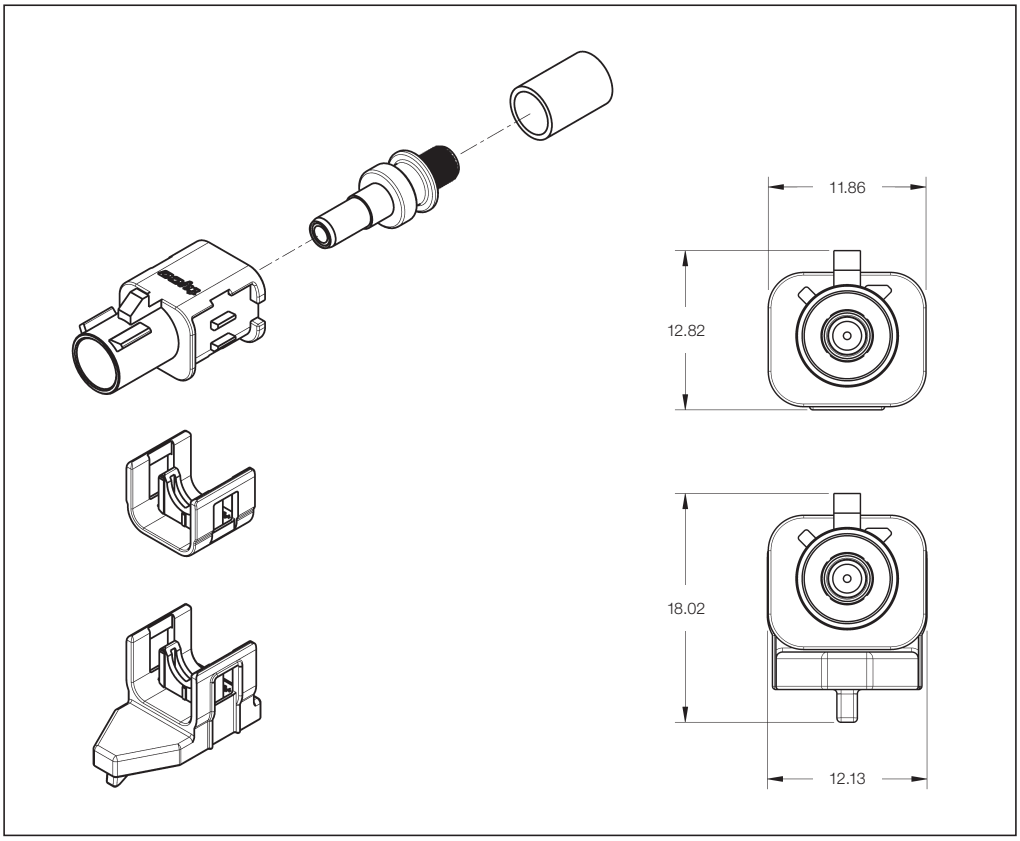
**No. of Positions:**
1 Position Jack Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 58, RG 58 Low Loss and RG 59 Mini

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 1 Position Jack Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Jack Kit | Contacts* | Mating Plug Kit |
| A | Jet Black | 1438911-1 | 1438890-7 or 1438890-8 | 1438919-1 or 1438920-1 |
| | | 5-1438911-1 | | |
| B | Signal White | 1438911-2 | | 1438919-2 or 1438920-2 |
| | | 5-1438911-2 | | |
| C | Signal Blue | 1438911-3 | | 1438919-3 or 1438920-3 |
| | | 5-1438911-3 | | |
| D | Claret Violet | 1438911-4 | | 1438919-4 or 1438920-4 |
| | | 5-1438911-4 | | |
| F | Nut Brown | 1438911-6 | | 1438919-6 or 1438920-6 |
| | | 5-1438911-6 | | |
| H | Heather Violet | 1438911-8 | | 1438919-8 or 1438920-8 |
| | | 5-1438911-8 | | |
| K | Curry | 1-1438911-0 | | 1-1438919-0 or 1-1438920-4 |
| | | 6-1438911-0 | | |

*) Pin Contact Part No. 1438890-7 must be purchased separately for RG 58 and RG 58LL.
Pin Contact Part No. 1438890-8 must be purchased separately for RG 59 Mini.
5-xxx or 6-xxx indicates body clip slot on lock.



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## 1 Position Jack Kit for RG 316, RG 174 and RG 179

### Technical Features

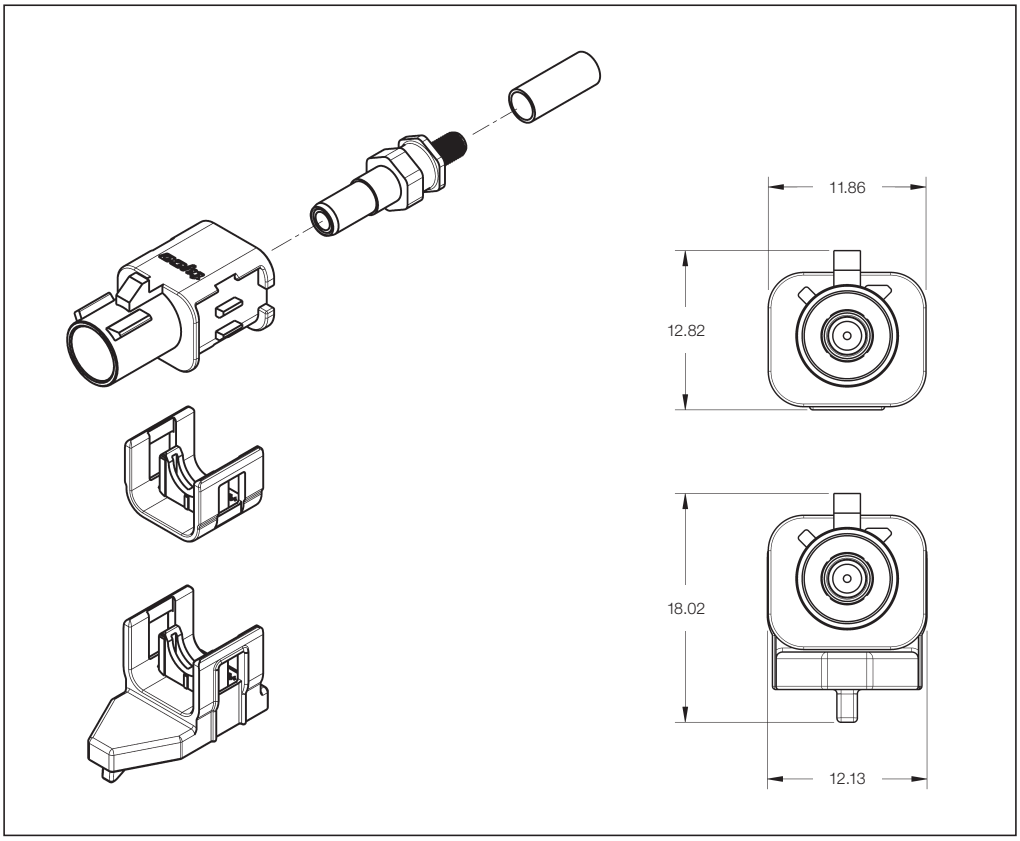
**No. of Positions:**
1 Position Jack Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 316, RG 174 and RG 179

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 1 Position Jack Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Jack Kit | Contacts* | Mating Plug Kit |
| A | Jet Black | 1438912-1 | 1438890-8 or 1438890-9 | 1924792-1 or 2035141-1 |
| | | 5-1438912-1 | | |
| B | Signal White | 1438912-2 | | 1924792-2 or 2035141-2 |
| | | 5-1438912-2 | | |
| C | Signal Blue | 1438912-3 | | 1924792-3 or 2035141-3 |
| | | 5-1438912-3 | | |
| D | Claret Violet | 1438912-4 | | 1924792-4 or 2035141-4 |
| | | 5-1438912-4 | | |
| F | Nut Brown | 1438912-6 | | 1924792-6 or 2035141-6 |
| | | 5-1438912-6 | | |
| H | Heather Violet | 1438912-8 | | 1924792-8 or 2035141-8 |
| | | 5-1438912-8 | | |
| K | Curry | 1-1438912-0 | | 1-1924792-0 or 1-2035141-4 |
| | | 6-1438912-0 | | |

*) Pin Contact Part No. 1438890-8 must be purchased separately for RG 316 and RG 174.
Pin Contact Part No. 1438890-9 must be purchased separately for RG 179.
5-xxx or 6-xxx indicates body clip slot on lock.

## 1 Position Jack Kit for RG 62U/M

### Technical Features

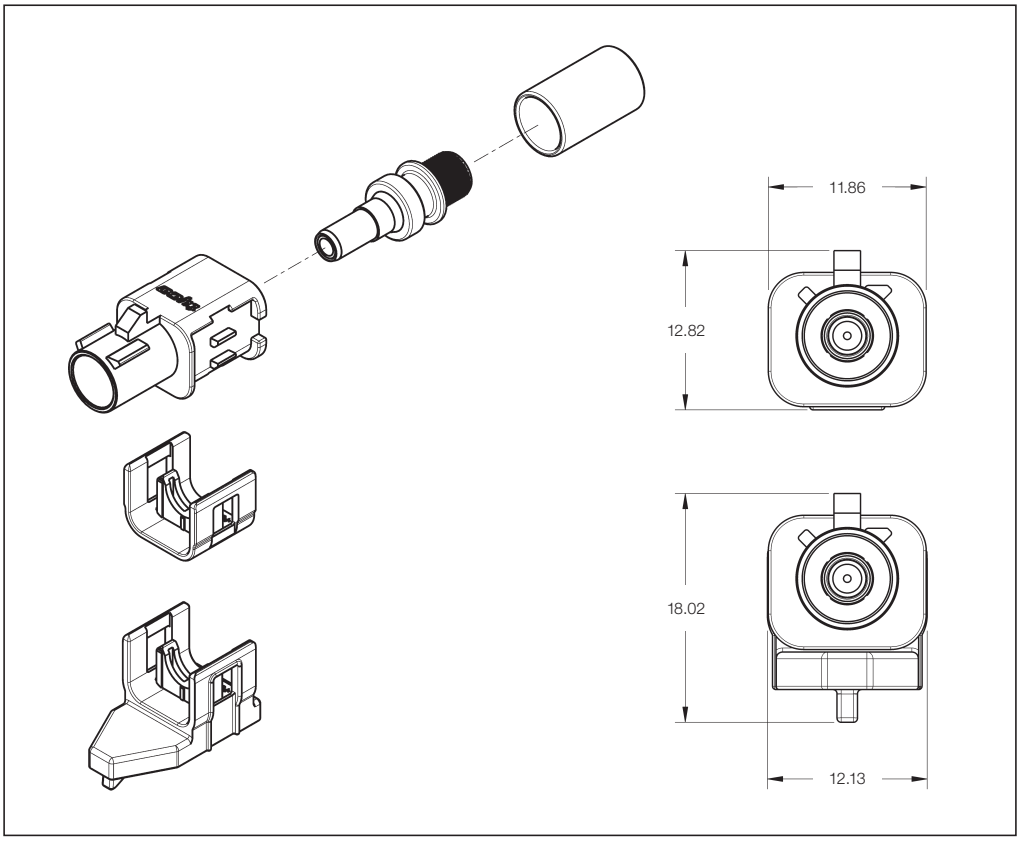
**No. of Positions:**
1 Position Jack Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 62U/M

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 1 Position Jack Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Jack Kit | Contacts* | Mating Plug Kit |
| A | Jet Black | 1438924-1 | 1438890-9 | 1438922-1 or |
| | | 5-1438924-1 | | 1438923-1 |
| B | Signal White | 1438924-2 | | 1438922-2 or |
| | | 5-1438924-2 | | 1438923-2 |
| C | Signal Blue | 1438924-3 | | 1438922-3 or |
| | | 5-1438924-3 | | 1438923-3 |
| D | Claret Violet | 1438924-4 | | 1438922-4 or |
| | | 5-1438924-4 | | 1438923-4 |
| F | Nut Brown | 1438924-6 | | 1438922-6 or |
| | | 5-1438924-6 | | 1438923-6 |
| H | Heather Violet | 1438924-8 | | 1438922-8 or |
| | | 5-1438924-8 | | 1438923-8 |
| K | Curry | 1-1438924-0 | | 1-1438922-0 or |
| | | 6-1438924-0 | | 1-1438923-4 |

*) Pin Contact Part No. 1438890-9 must be purchased separately.
5-xxx or 6-xxx indicates body clip slot on lock.



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## 1 Position Jack Kit for RG 71

### Technical Features

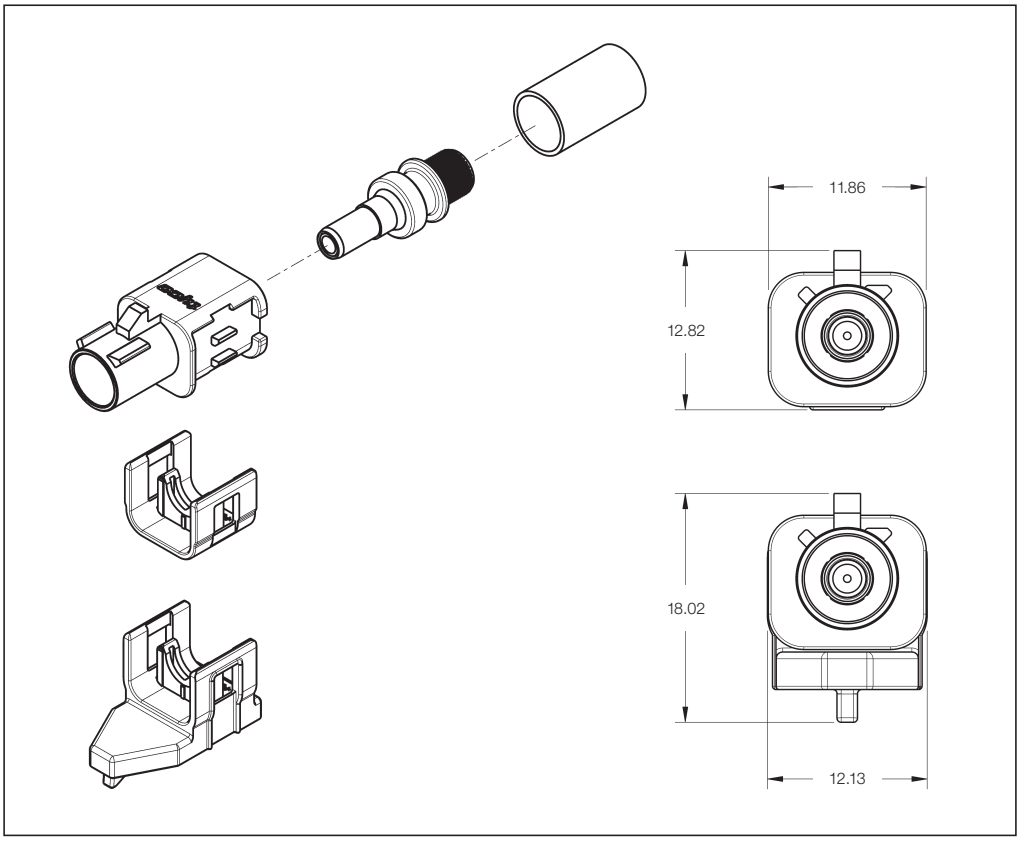
**No. of Positions:**
1 Position Jack Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 71

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 1 Position Jack Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Jack Kit | Contacts* | Mating Plug Kit |
| A | Jet Black | 1438957-1 | 1438890-8 | 1438955-1 or |
| | | 5-1438957-1 | | 1438956-1 |
| B | Signal White | 1438957-2 | | 1438955-2 or |
| | | 5-1438957-2 | | 1438956-2 |
| C | Signal Blue | 1438957-3 | | 1438955-3 or |
| | | 5-1438957-3 | | 1438956-3 |
| D | Claret Violet | 1438957-4 | | 1438955-4 or |
| | | 5-1438957-4 | | 1438956-4 |
| F | Nut Brown | 1438957-6 | | 1438955-6 or |
| | | 5-1438957-6 | | 1438956-6 |
| H | Heather Violet | 1438957-8 | | 1438955-8 or |
| | | 5-1438957-8 | | 1438956-8 |
| K | Curry | 1-1438957-0 | | 1-1438955-0 or |
| | | 6-1438957-0 | | 1-1438956-4 |

*) Pin Contact Part No. 1438890-8 must be purchased separately.
5-xxx or 6-xxx indicates body clip slot on lock.

## 1 Position Jack Kit for RG 71U/M

### Technical Features

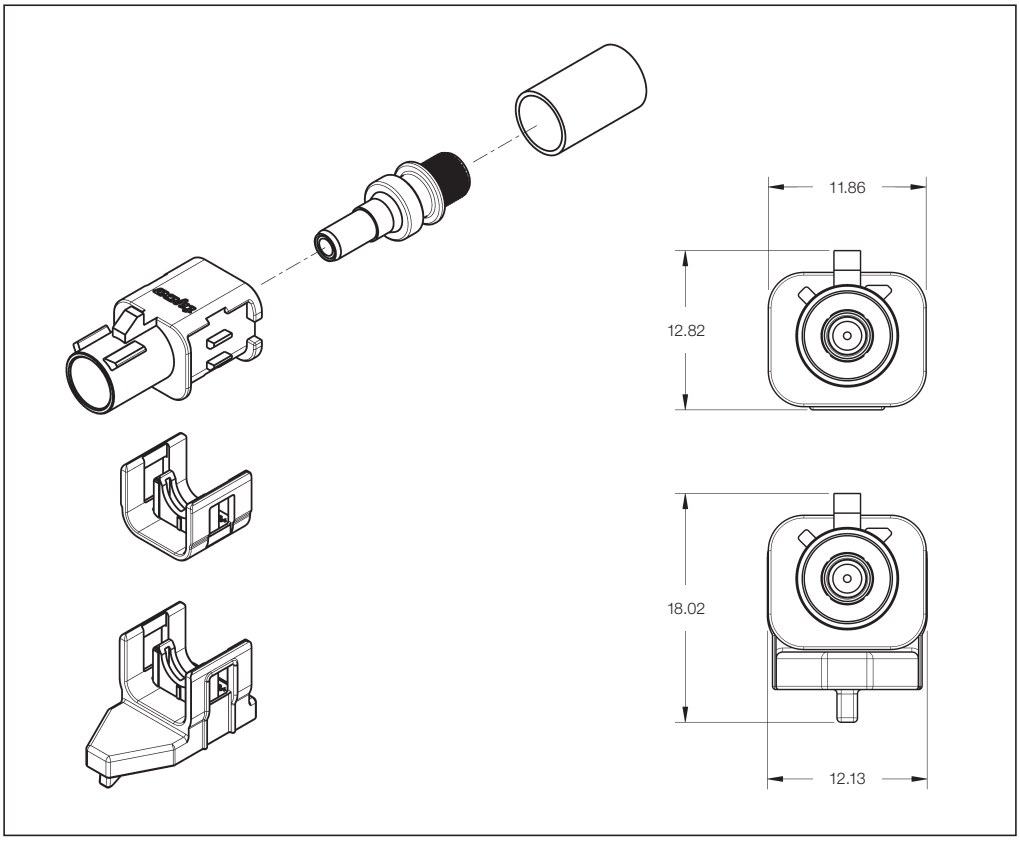
**No. of Positions:**
1 Position Jack Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 71U/M

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 1 Position Jack Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Jack Kit | Contacts* | Mating Plug Kit |
| A | Jet Black | 1438960-1 | 1438890-9 | 1438958-1 or |
| | | 5-1438960-1 | | 1438959-1 |
| B | Signal White | 1438960-2 | | 1438958-2 or |
| | | 5-1438960-2 | | 1438959-2 |
| C | Signal Blue | 1438960-3 | | 1438958-3 or |
| | | 5-1438960-3 | | 1438959-3 |
| D | Claret Violet | 1438960-4 | | 1438958-4 or |
| | | 5-1438960-4 | | 1438959-4 |
| F | Nut Brown | 1438960-6 | | 1438958-6 or |
| | | 5-1438960-6 | | 1438959-6 |
| H | Heather Violet | 1438960-8 | | 1438958-8 or |
| | | 5-1438960-8 | | 1438959-8 |
| K | Curry | 1-1438960-0 | | 1-1438958-0 or |
| | | 6-1438960-0 | | 1-1438959-4 |

*) Pin Contact Part No. 1438890-9 must be purchased separately.
5-xxx or 6-xxx indicates body clip slot on lock.



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## 1 Position R/A Jack Kit for RG 316, RG 174 and RG 179

### Technical Features

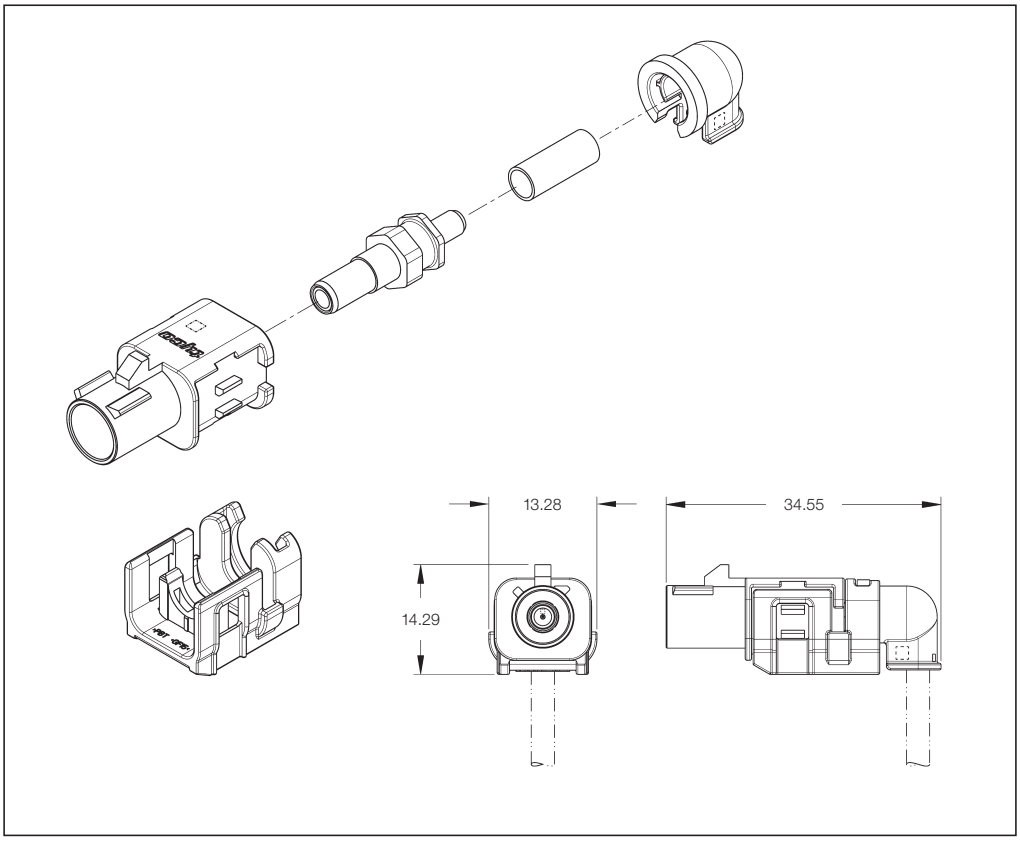
**No. of Positions:**
1 Position Jack Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 316, RG 174 and RG 179

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 1 Position Jack Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Jack Kit | Contacts* | Mating Plug Kit |
| A | Jet Black | 1924127-1 | | 1924792-1 |
| B | Signal White | 1924127-2 | | 1924792-2 |
| C | Signal Blue | 1924127-3 | 1438890-8 | 1924792-3 |
| D | Claret Violet | 1924127-4 | or | 1924792-4 |
| F | Nut Brown | 1924127-6 | 1438890-9 | 1924792-6 |
| H | Heather Violet | 1924127-8 | | 1924792-8 |
| K | Curry | 1-1924127-0 | | 1-1924792-0 |

*) Pin Contact Part No. 1438890-8 must be purchased separately for RG 316 and RG 174.
Pin Contact Part No. 1438890-9 must be purchased separately for RG 179.

## 1 Position Jack Kit for 1.5DS-QFB

### Technical Features

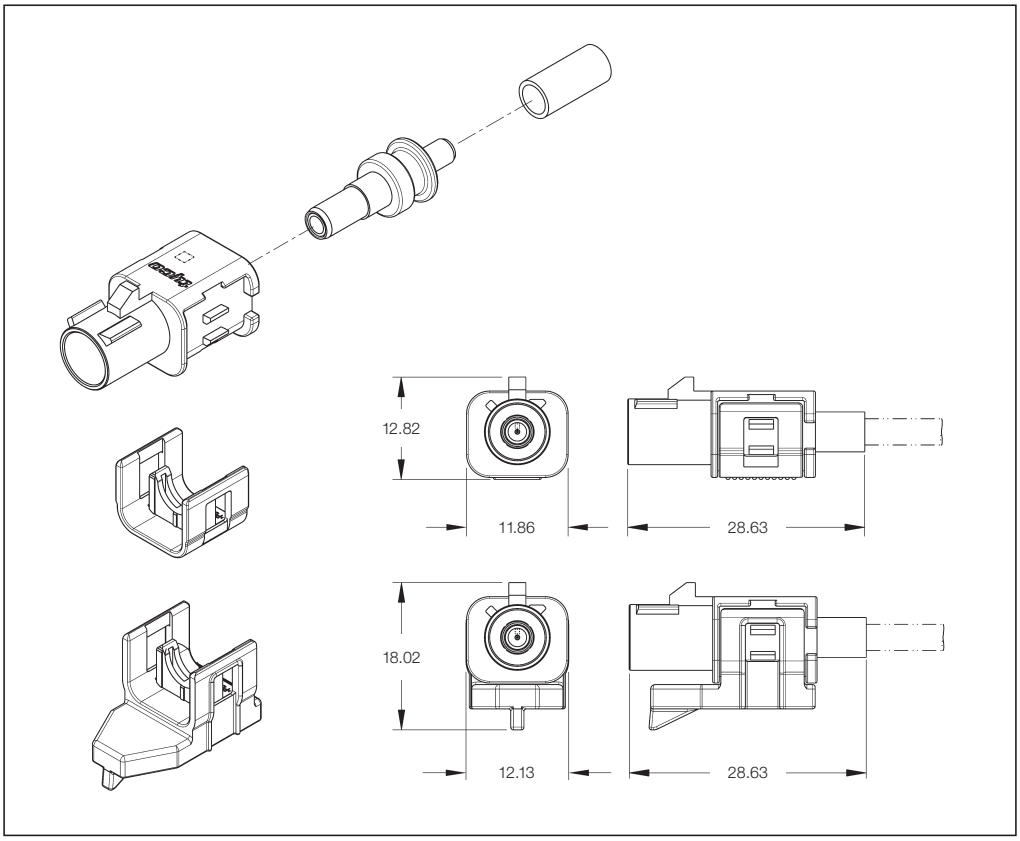
**No. of Positions:**
1 Position Jack Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
1.5DS-QFB

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 1 Position Jack Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Jack Kit | Contacts* | Mating Plug Kit |
| A | Jet Black | 1924133-1 | 1438890-8 | 1924134-1 |
| | | 5-1924133-1 | | |
| B | Signal White | 1924133-2 | | 1924134-2 |
| | | 5-1924133-2 | | |
| C | Signal Blue | 1924133-3 | | 1924134-3 |
| | | 5-1924133-3 | | |
| D | Claret Violet | 1924133-4 | | 1924134-4 |
| | | 5-1924133-4 | | |
| F | Nut Brown | 1924133-6 | | 1924134-6 |
| | | 5-1924133-6 | | |
| H | Heather Violet | 1924133-8 | | 1924134-8 |
| | | 5-1924133-8 | | |
| K | Curry | 1-1924133-0 | | 1-1924134-0 |
| | | 6-1924133-0 | | |

*) Pin Contact Part No. 1438890-8 must be purchased separately.
5-xxx or 6-xxx indicates body clip slot on lock.



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## 1 Position Jack Kit for RG 59

### Technical Features

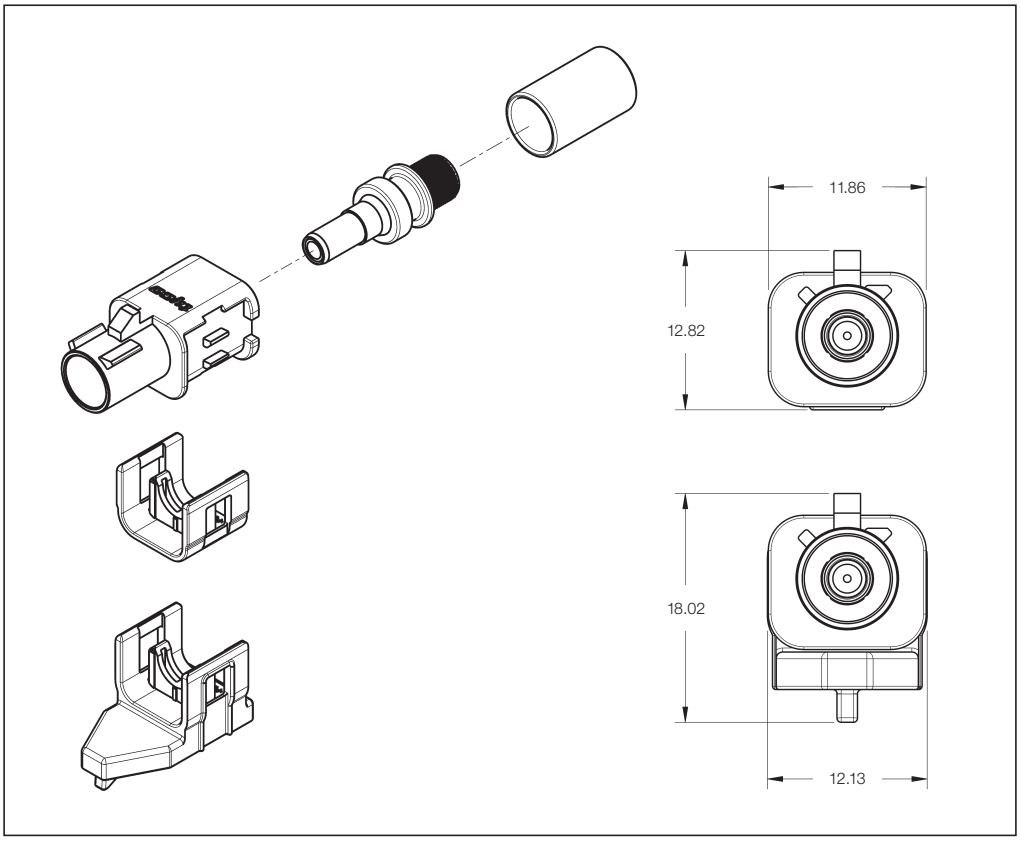
**No. of Positions:**
1 Position Jack Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 59

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 1 Position Jack Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Jack Kit | Contacts* | Mating Plug Kit |
| A | Jet Black | 776681-1<br>5-776681-1 | 1438890-8 | 776682-1 or 776683-1 |
| B | Signal White | 776681-2<br>5-776681-2 | | 776682-2 or 776683-2 |
| C | Signal Blue | 776681-3<br>5-776681-3 | | 776682-3 or 776683-3 |
| D | Claret Violet | 776681-4<br>5-776681-4 | | 776682-4 or 776683-4 |
| F | Nut Brown | 776681-6<br>5-776681-6 | | 776682-6 or 776683-6 |
| H | Heather Violet | 776681-8<br>5-776681-8 | | 776682-8 or 776683-8 |
| K | Curry | 1-776681-0<br>6-776681-0 | | 1-776682-0 or 1-776683-0 |

*) Pin Contact Part No. 1438890-8 must be purchased separately.
5-xxx or 6-xxx indicates body clip slot on lock.

## 1 Position R/A Jack Kit for RG 62

### Technical Features

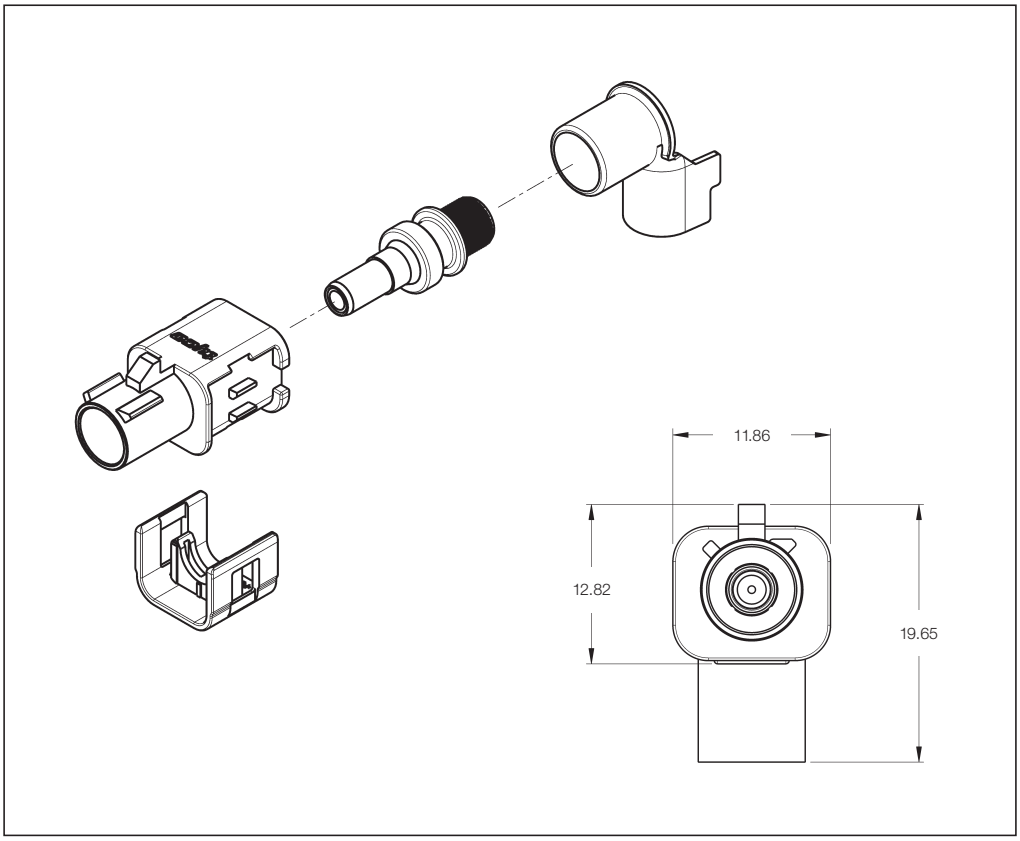
**No. of Positions:**
1 Position Jack Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 62

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 1 Position Jack Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Jack Kit | Contacts* | Mating Plug Kit |
| A | Jet Black | 776797-1 | 1438890-8 | 1438897-1 |
| B | Signal White | 776797-2 | | 1438897-2 |
| C | Signal Blue | 776797-3 | | 1438897-3 |
| D | Claret Violet | 776797-4 | | 1438897-4 |
| F | Nut Brown | 776797-6 | | 1438897-6 |
| H | Heather Violet | 776797-8 | | 1438897-8 |
| K | Curry | 1-776797-0 | | 1-1438897-0 |

*) Pin Contact Part No. 1438890-8 must be purchased separately.



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## 1 Position Plug Kit for RG 62

### Technical Features

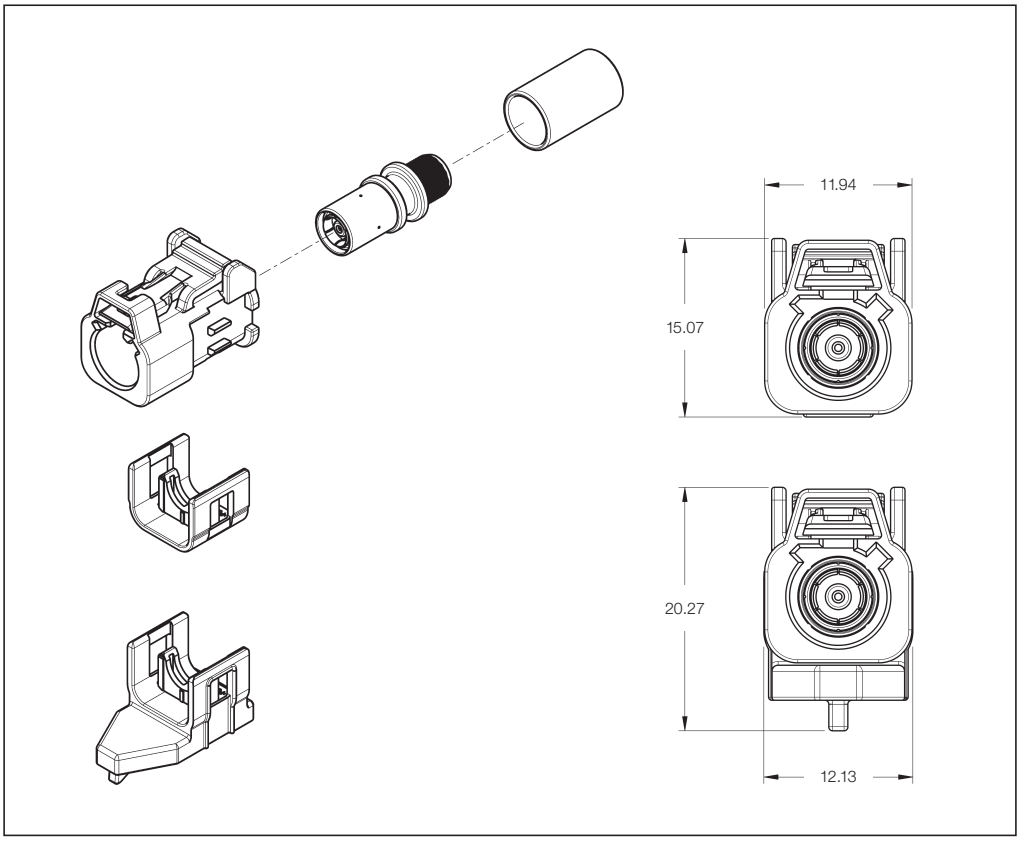
**No. of Positions:**
1 Position Plug Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 62

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 1 Position Plug Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Plug Kit | Contacts* | Mating Jack Kit |
| A | Jet Black | 1438897-1 | 1438896-4 | 1438891-1 |
| | | 5-1438897-1 | | |
| B | Signal White | 1438897-2 | | 1438891-2 |
| | | 5-1438897-2 | | |
| C | Signal Blue | 1438897-3 | | 1438891-3 |
| | | 5-1438897-3 | | |
| D | Claret Violet | 1438897-4 | | 1438891-4 |
| | | 5-1438897-4 | | |
| E | Leaf Green | 1438897-5 | | N/A |
| | | 5-1438897-5 | | |
| F | Nut Brown | 1438897-6 | | 1438891-6 |
| | | 5-1438897-6 | | |
| G | Blue Gray | 1438897-7 | | N/A |
| | | 5-1438897-7 | | |
| H | Heather Violet | 1438897-8 | | 1438891-8 |
| | | 5-1438897-8 | | |
| K | Curry | 1-1438897-0 | | 1-1438891-0 |
| | | 6-1438897-0 | | |

*) Socket Contact Part No. 1438896-4 must be purchased separately.
5-xxx or 6-xxx indicates body clip slot on lock.

## 1 Position R/A Plug Kit for RG 62

### Technical Features

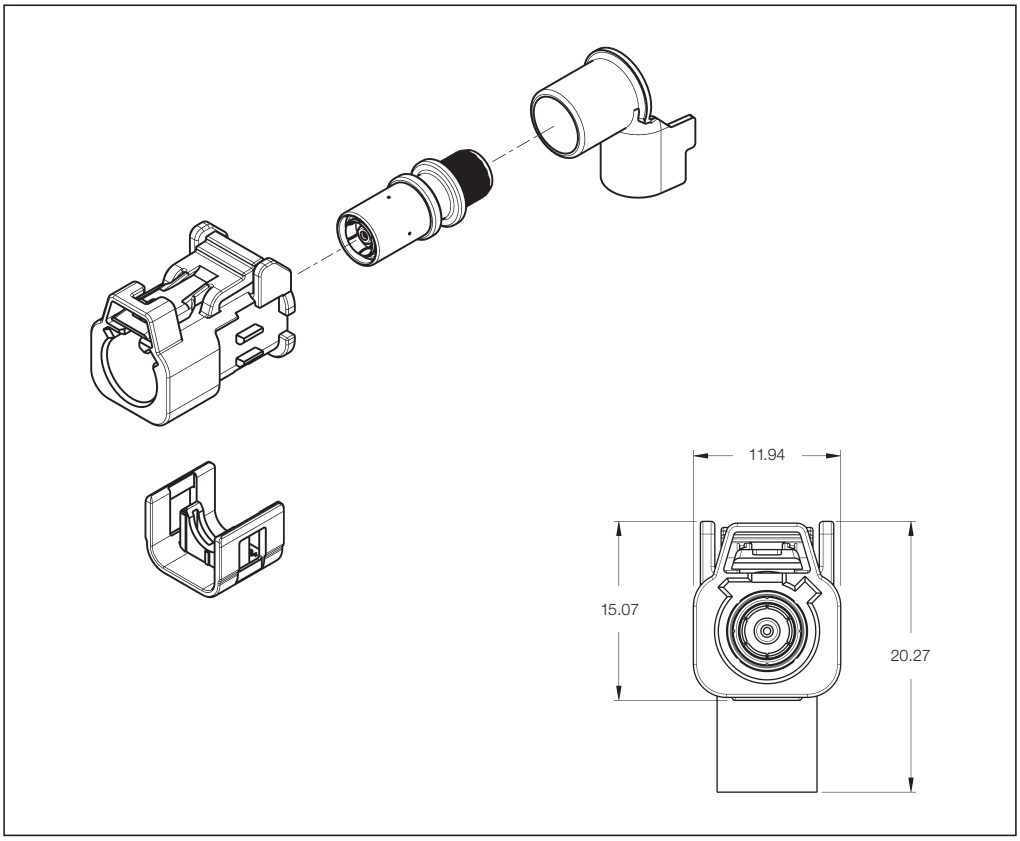
**No. of Positions:**
1 Position Plug Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 62

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 1 Position Plug Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Plug Kit | Contacts* | Mating Jack Kit |
| A | Jet Black | 1438904-1 | | 1438891-1 |
| B | Signal White | 1438904-2 | | 1438891-2 |
| C | Signal Blue | 1438904-3 | | 1438891-3 |
| D | Claret Violet | 1438904-4 | | 1438891-4 |
| E | Leaf Green | 1438904-5 | 1438896-4 | N/A |
| F | Nut Brown | 1438904-6 | | 1438891-6 |
| G | Blue Gray | 1438904-7 | | N/A |
| H | Heather Violet | 1438904-8 | | 1438891-8 |
| K | Curry | 1-1438904-0 | | 1-1438891-0 |

*) Socket Contact Part No. 1438896-4 must be purchased separately.



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## 1 Position Plug Kit for RG 58, RG 58 Low Loss and RG 59 Mini

### Technical Features

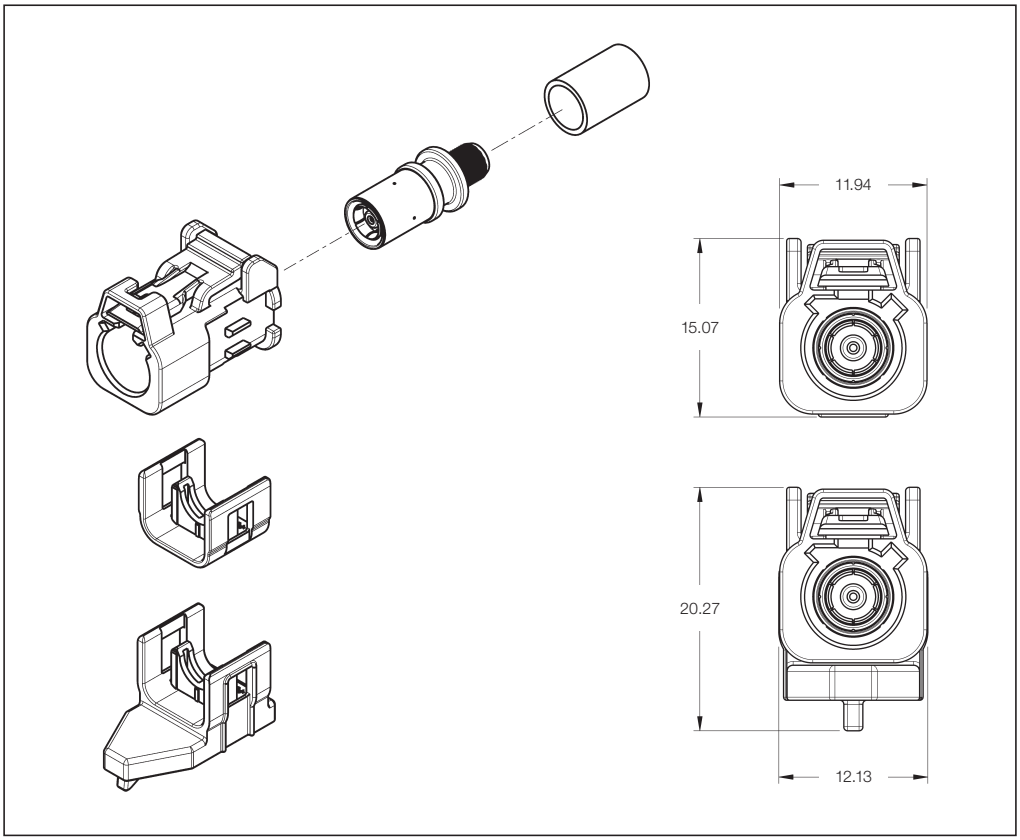
**No. of Positions:**
1 Position Plug Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 58, RG 58 Low Loss and RG 59 Mini

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 1 Position Plug Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Plug Kit | Contacts* | Mating Jack Kit |
| A | Jet Black | 1438919-1 | 1438896-2 or 1438896-4 | 1438911-1 |
| | | 5-1438919-1 | | |
| B | Signal White | 1438919-2 | | 1438911-2 |
| | | 5-1438919-2 | | |
| C | Signal Blue | 1438919-3 | | 1438911-3 |
| | | 5-1438919-3 | | |
| D | Claret Violet | 1438919-4 | | 1438911-4 |
| | | 5-1438919-4 | | |
| E | Leaf Green | 1438919-5 | | N/A |
| | | 5-1438919-5 | | |
| F | Nut Brown | 1438919-6 | | 1438911-6 |
| | | 5-1438919-6 | | |
| G | Blue Gray | 1438919-7 | | N/A |
| | | 5-1438919-7 | | |
| H | Heather Violet | 1438919-8 | | 1438911-8 |
| | | 5-1438919-8 | | |
| K | Curry | 1-1438919-0 | | 1-1438911-0 |
| | | 6-1438919-0 | | |

*) Socket Contact Part No. 1438896-2 must be purchased separately for RG 58 and RG 58LL.
Socket Contact Part No. 1438896-4 must be purchased separately for RG 59 Mini.
5-xxx or 6-xxx indicates body clip slot on lock.

## 1 Position R/A Plug Kit for RG 58, RG 58 Low Loss and RG 59 Mini

### Technical Features

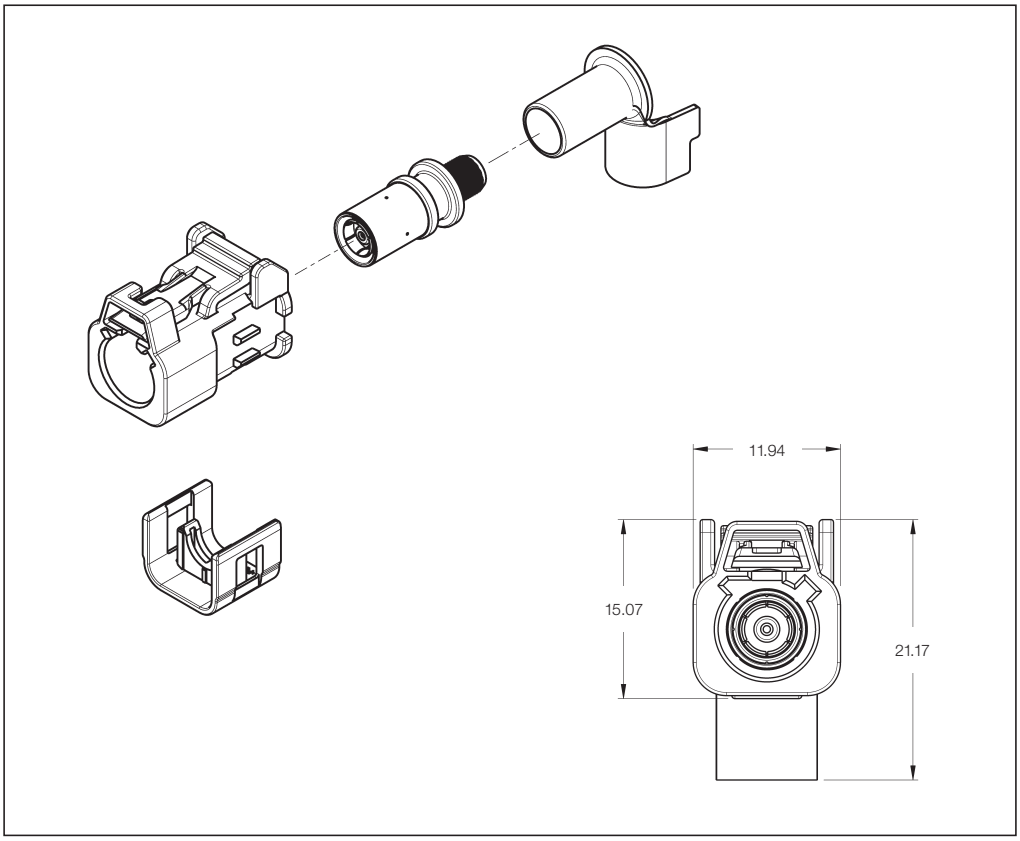
**No. of Positions:**
1 Position Plug Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 58, RG 58 Low Loss and RG 59 Mini

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 1 Position Plug Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Plug Kit | Contacts* | Mating Jack Kit |
| A | Jet Black | 1438920-1 | | 1438911-1 |
| B | Signal White | 1438920-2 | | 1438911-2 |
| C | Signal Blue | 1438920-3 | | 1438911-3 |
| D | Claret Violet | 1438920-4 | 1438896-2 | 1438911-4 |
| E | Leaf Green | 1438920-5 | or | N/A |
| F | Nut Brown | 1438920-6 | 1438896-4 | 1438911-6 |
| G | Blue Gray | 1438920-7 | | N/A |
| H | Heather Violet | 1438920-8 | | 1438911-8 |
| K | Curry | 1-1438920-0 | | 1-1438911-0 |

*) Socket Contact Part No. 1438896-2 must be purchased separately for RG 58 and RG 58LL.
Socket Contact Part No. 1438896-4 must be purchased separately for RG 59 Mini.



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## 1 Position Plug Kit for RG 316, RG 174 and RG 179

### Technical Features

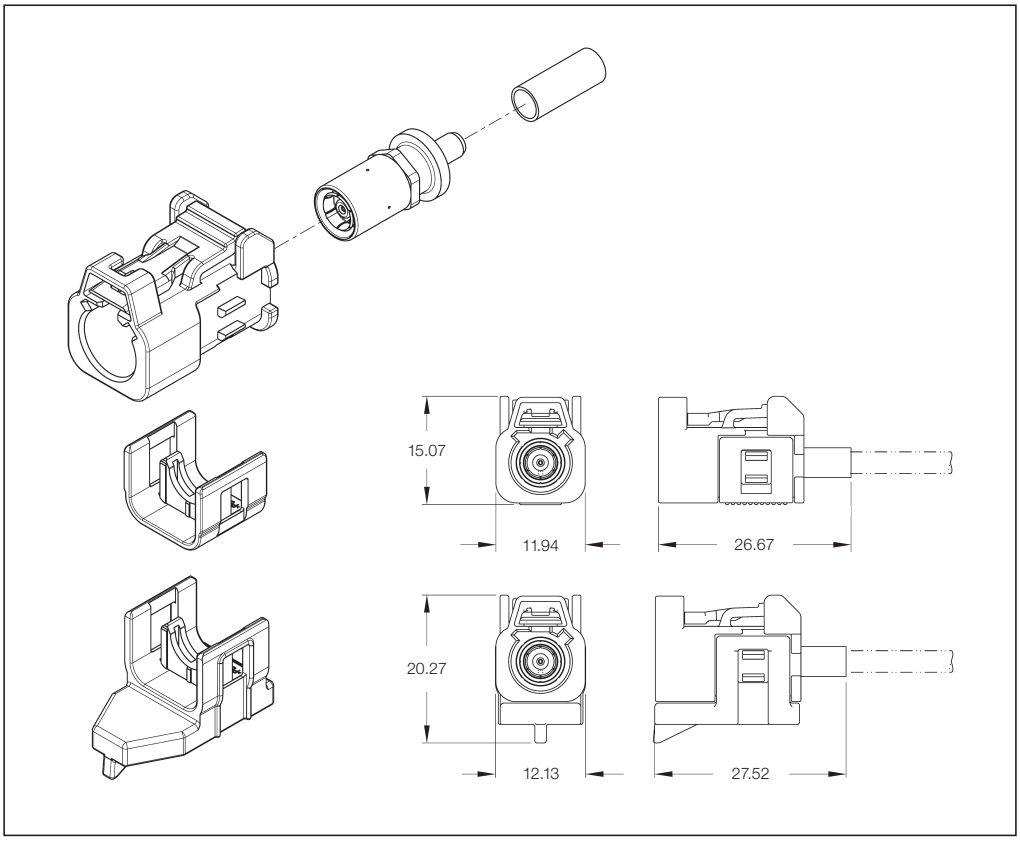
**No. of Positions:**
1 Position Plug Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 316, RG 174 and RG 179

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 1 Position Plug Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Plug Kit | Contacts* | Mating Jack Kit |
| A | Jet Black | 1924792-1<br>5-1924792-1 | 1438896-4 or 1438896-6 | 1438912-1 |
| B | Signal White | 1924792-2<br>5-1924792-2 | | 1438912-2 |
| C | Signal Blue | 1924792-3<br>5-1924792-3 | | 1438912-3 |
| D | Claret Violet | 1924792-4<br>5-1924792-4 | | 1438912-4 |
| E | Leaf Green | 1924792-5<br>5-1924792-5 | | N/A |
| F | Nut Brown | 1924792-6<br>5-1924792-6 | | 1438912-6 |
| G | Blue Gray | 1924792-7<br>5-1924792-7 | | N/A |
| H | Heather Violet | 1924792-8<br>5-1924792-8 | | 1438912-8 |
| K | Curry | 1-1924792-0<br>6-1924792-0 | | 1-1438912-0 |

*) Socket Contact Part No. 1438896-4 must be purchased separately for RG 316 and RG 174.
Socket Contact Part No. 1438896-6 must be purchased separately for RG 179.
5-xxx or 6-xxx indicates body clip slot on lock.

## 1 Position R/A Plug Kit for RG 316, RG 174 and RG 179

### Technical Features

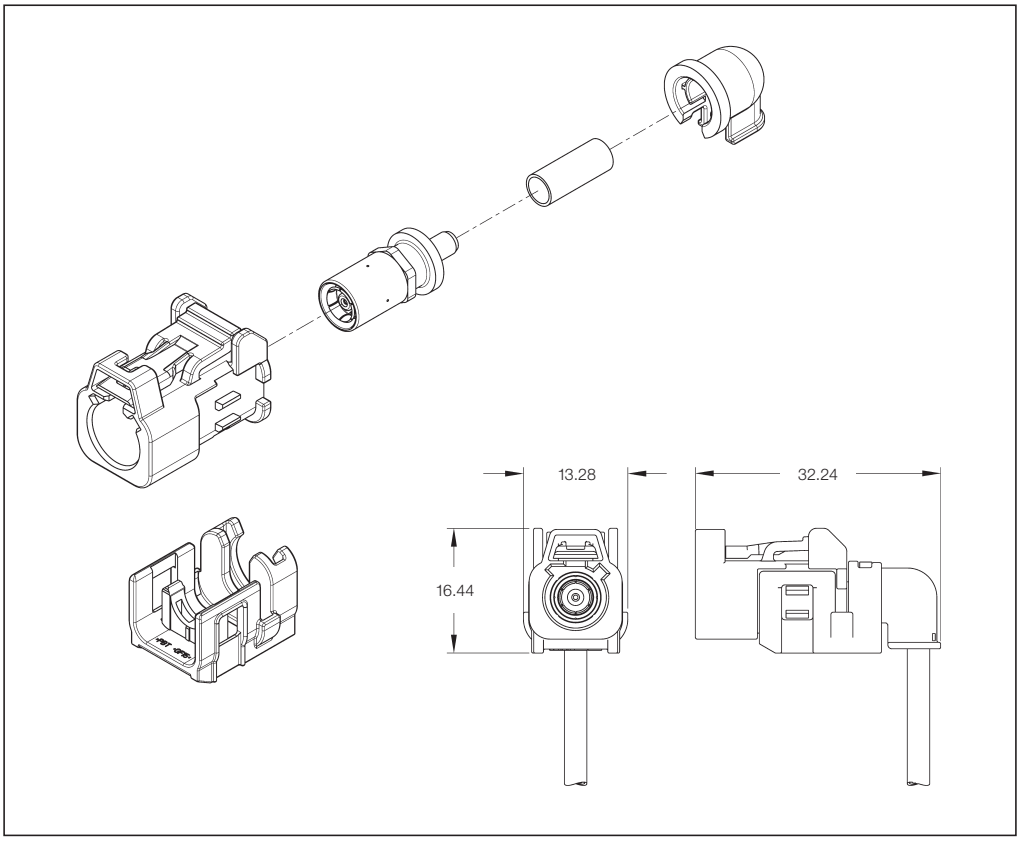
**No. of Positions:**
1 Position Plug Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 316, RG 174 and RG 179

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 1 Position Plug Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Plug Kit | Contacts* | Mating Jack Kit |
| A | Jet Black | 2035141-1 | | 1438912-1 |
| B | Signal White | 2035141-2 | | 1438912-2 |
| C | Signal Blue | 2035141-3 | | 1438912-3 |
| D | Claret Violet | 2035141-4 | 1438896-4 | 1438912-4 |
| E | Leaf Green | 2035141-5 | or | N/A |
| F | Nut Brown | 2035141-6 | 1438896-6 | 1438912-6 |
| G | Blue Gray | 2035141-7 | | N/A |
| H | Heather Violet | 2035141-8 | | 1438912-8 |
| K | Curry | 1-2035141-0 | | 1-1438912-0 |

*) Socket Contact Part No. 1438896-4 must be purchased separately for RG 316 and RG 174.
Socket Contact Part No. 1438896-6 must be purchased separately for RG 179.



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## 1 Position Plug Kit for RG 62U/M

### Technical Features

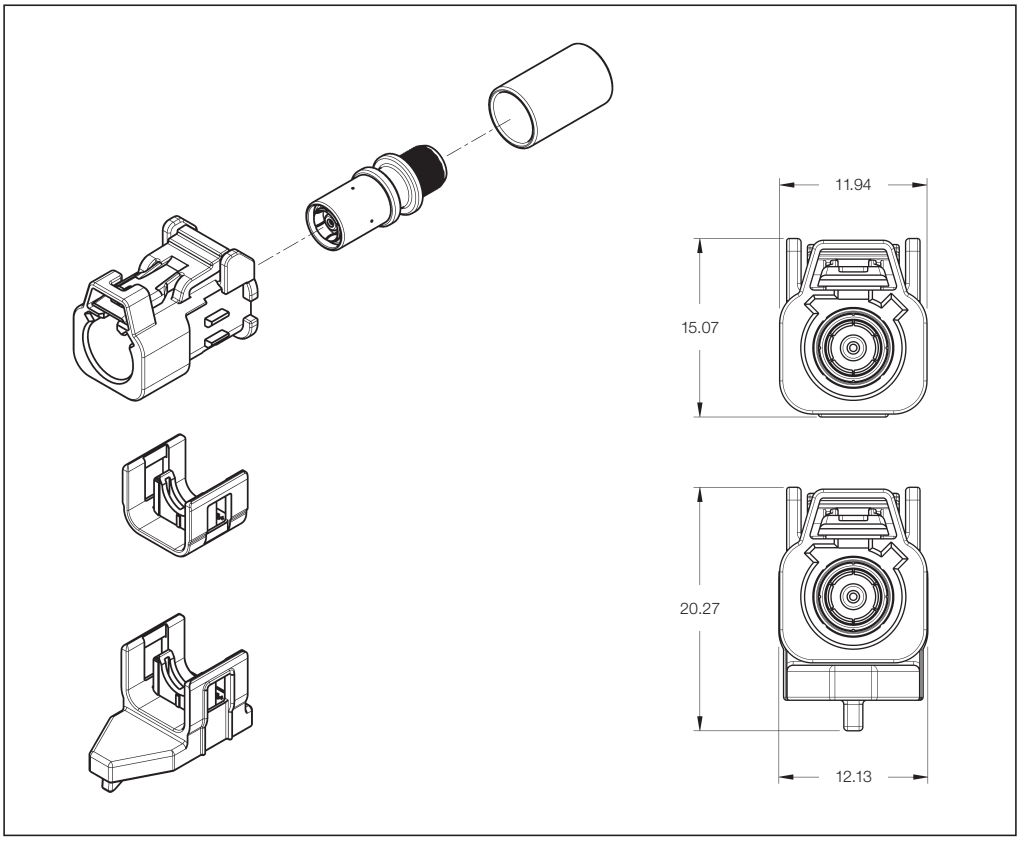
**No. of Positions:**
1 Position Plug Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 62U/M

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 1 Position Plug Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Plug Kit | Contacts* | Mating Jack Kit |
| A | Jet Black | 1438922-1 | 1438896-6 | 1438924-1 |
| | | 5-1438922-1 | | |
| B | Signal White | 1438922-2 | | 1438924-2 |
| | | 5-1438922-2 | | |
| C | Signal Blue | 1438922-3 | | 1438924-3 |
| | | 5-1438922-3 | | |
| D | Claret Violet | 1438922-4 | | 1438924-4 |
| | | 5-1438922-4 | | |
| E | Leaf Green | 1438922-5 | | N/A |
| | | 5-1438922-5 | | |
| F | Nut Brown | 1438922-6 | | 1438924-6 |
| | | 5-1438922-6 | | |
| G | Blue Gray | 1438922-7 | | N/A |
| | | 5-1438922-7 | | |
| H | Heather Violet | 1438922-8 | | 1438924-8 |
| | | 5-1438922-8 | | |
| K | Curry | 1-1438922-0 | | 1-1438924-0 |
| | | 6-1438922-0 | | |

*) Socket Contact Part No. 1438896-6 must be purchased separately.
5-xxx or 6-xxx indicates body clip slot on lock.

## 1 Position R/A Plug Kit for RG 62U/M

### Technical Features

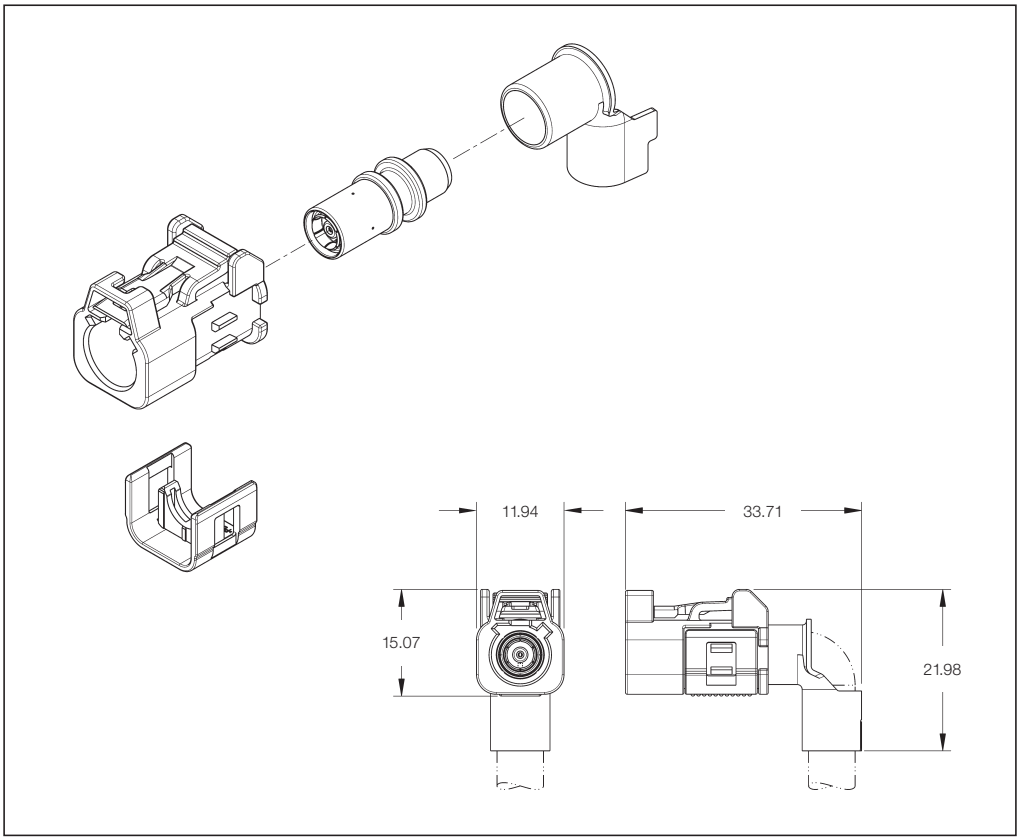
**No. of Positions:**
1 Position Plug Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 62U/M

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 1 Position Plug Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Plug Kit | Contacts* | Mating Jack Kit |
| A | Jet Black | 1438923-1 | | 1438924-1 |
| B | Signal White | 1438923-2 | | 1438924-2 |
| C | Signal Blue | 1438923-3 | | 1438924-3 |
| D | Claret Violet | 1438923-4 | | 1438924-4 |
| E | Leaf Green | 1438923-5 | 1438896-6 | N/A |
| F | Nut Brown | 1438923-6 | | 1438924-6 |
| G | Blue Gray | 1438923-7 | | N/A |
| H | Heather Violet | 1438923-8 | | 1438924-8 |
| K | Curry | 1-1438923-0 | | 1-1438924-0 |

*) Socket Contact Part No. 1438896-6 must be purchased separately.



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## 1 Position Plug Kit for RG 71

### Technical Features

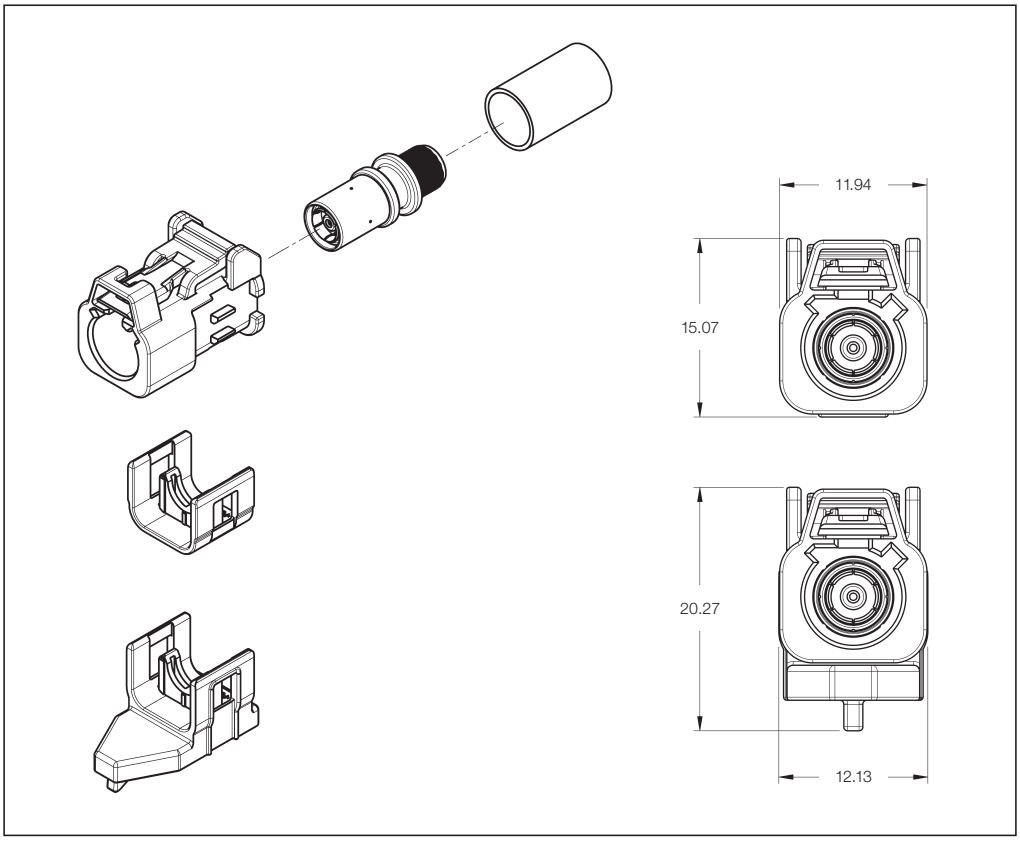
**No. of Positions:**
1 Position Plug Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 71

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 1 Position Plug Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Plug Kit | Contacts* | Mating Jack Kit |
| A | Jet Black | 1438955-1 | 1438896-4 | 1438957-1 |
| | | 5-1438955-1 | | |
| B | Signal White | 1438955-2 | | 1438957-2 |
| | | 5-1438955-2 | | |
| C | Signal Blue | 1438955-3 | | 1438957-3 |
| | | 5-1438955-3 | | |
| D | Claret Violet | 1438955-4 | | 1438957-4 |
| | | 5-1438955-4 | | |
| E | Leaf Green | 1438955-5 | | N/A |
| | | 5-1438955-5 | | |
| F | Nut Brown | 1438955-6 | | 1438957-6 |
| | | 5-1438955-6 | | |
| G | Blue Gray | 1438955-7 | | N/A |
| | | 5-1438955-7 | | |
| H | Heather Violet | 1438955-8 | | 1438957-8 |
| | | 5-1438955-8 | | |
| K | Curry | 1-1438955-0 | | 1-1438957-0 |
| | | 6-1438955-0 | | |

*) Socket Contact Part No. 1438896-4 must be purchased separately.
5-xxx or 6-xxx indicates body clip slot on lock.

## 1 Position R/A Plug Kit for RG 71

### Technical Features

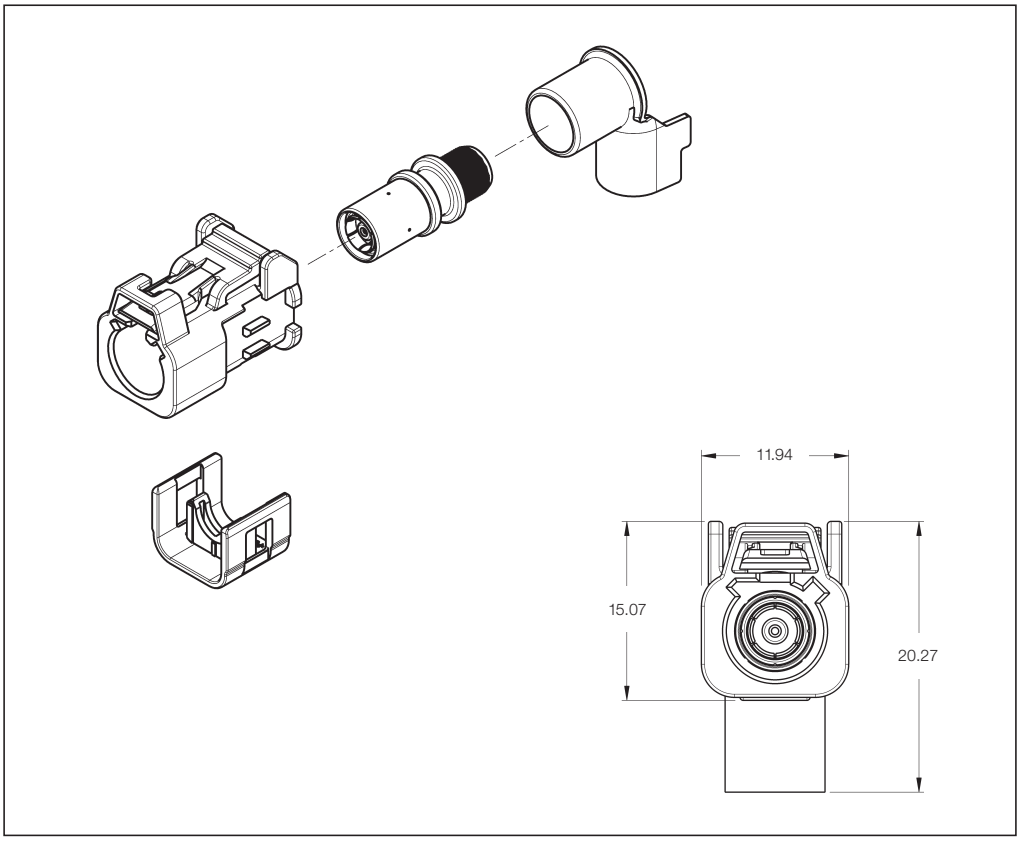
**No. of Positions:**
1 Position Plug Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 71

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 1 Position Plug Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Plug Kit | Contacts* | Mating Jack Kit |
| A | Jet Black | 1438956-1 | | 1438957-1 |
| B | Signal White | 1438956-2 | | 1438957-2 |
| C | Signal Blue | 1438956-3 | | 1438957-3 |
| D | Claret Violet | 1438956-4 | | 1438957-4 |
| E | Leaf Green | 1438956-5 | 1438896-4 | N/A |
| F | Nut Brown | 1438956-6 | | 1438957-6 |
| G | Blue Gray | 1438956-7 | | N/A |
| H | Heather Violet | 1438956-8 | | 1438957-8 |
| K | Curry | 1-1438956-0 | | 1-1438957-0 |

*) Socket Contact Part No. 1438896-4 must be purchased separately.



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## 1 Position Plug Kit for RG 71U/M

### Technical Features

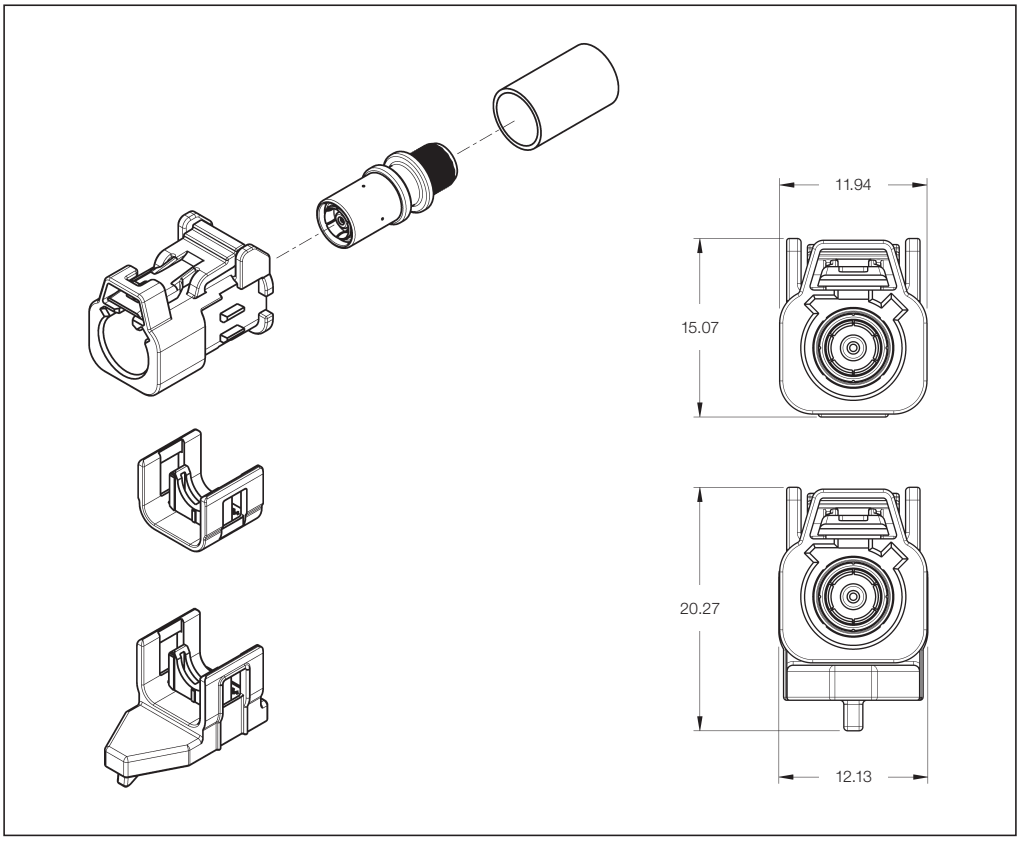
**No. of Positions:**
1 Position Plug Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 71U/M

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 1 Position Plug Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Plug Kit | Contacts* | Mating Jack Kit |
| A | Jet Black | 1438958-1 | 1438896-6 | 1438960-1 |
| | | 5-1438958-1 | | |
| B | Signal White | 1438958-2 | | 1438960-2 |
| | | 5-1438958-2 | | |
| C | Signal Blue | 1438958-3 | | 1438960-3 |
| | | 5-1438958-3 | | |
| D | Claret Violet | 1438958-4 | | 1438960-4 |
| | | 5-1438958-4 | | |
| E | Leaf Green | 1438958-5 | | N/A |
| | | 5-1438958-5 | | |
| F | Nut Brown | 1438958-6 | | 1438960-6 |
| | | 5-1438958-6 | | |
| G | Blue Gray | 1438958-7 | | N/A |
| | | 5-1438958-7 | | |
| H | Heather Violet | 1438958-8 | | 1438960-8 |
| | | 5-1438958-8 | | |
| K | Curry | 1-1438958-0 | | 1-1438960-0 |
| | | 6-1438958-0 | | |

*) Socket Contact Part No. 1438896-6 must be purchased separately.
5-xxx or 6-xxx indicates body clip slot on lock.

## 1 Position R/A Plug Kit for RG 71U/M

### Technical Features

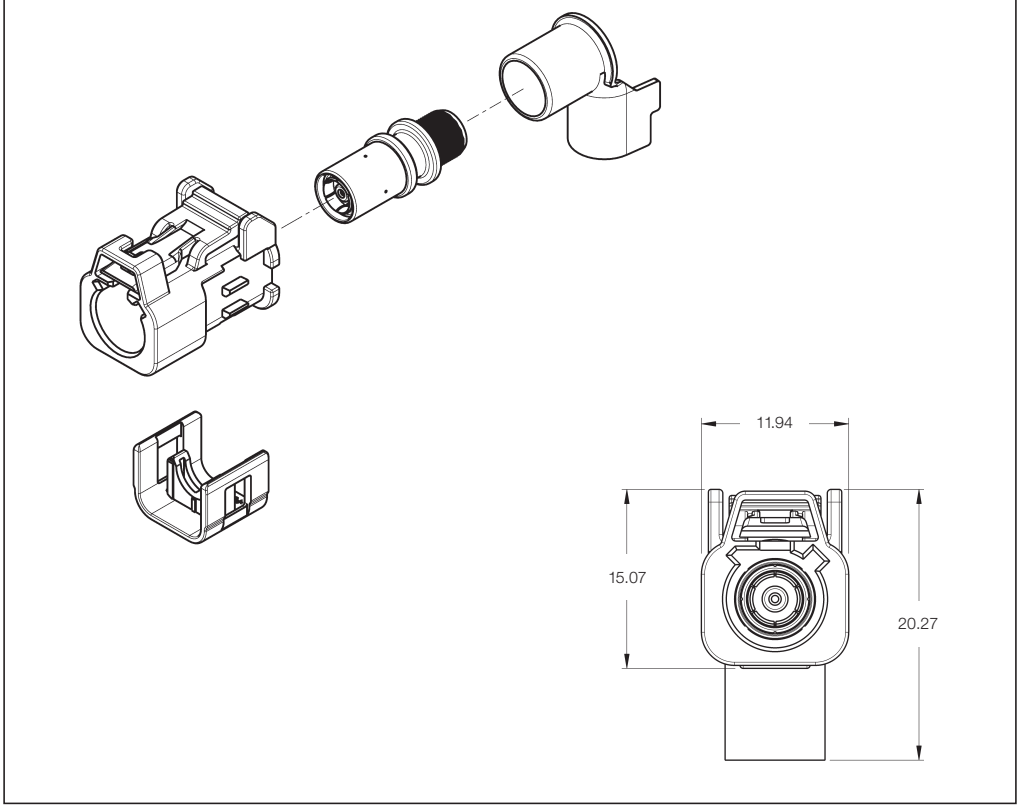
**No. of Positions:**
1 Position Plug Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 71U/M

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 1 Position Plug Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Plug Kit | Contacts* | Mating Jack Kit |
| A | Jet Black | 1438959-1 | | 1438960-1 |
| B | Signal White | 1438959-2 | | 1438960-2 |
| C | Signal Blue | 1438959-3 | | 1438960-3 |
| D | Claret Violet | 1438959-4 | | 1438960-4 |
| E | Leaf Green | 1438959-5 | 1438896-6 | N/A |
| F | Nut Brown | 1438959-6 | | 1438960-6 |
| G | Blue Gray | 1438959-7 | | N/A |
| H | Heather Violet | 1438959-8 | | 1438960-8 |
| K | Curry | 1-1438959-0 | | 1-1438960-0 |

*) Socket Contact Part No. 1438896-6 must be purchased separately.



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## 1 Position Plug Kit for 1.5DS-QFB

### Technical Features

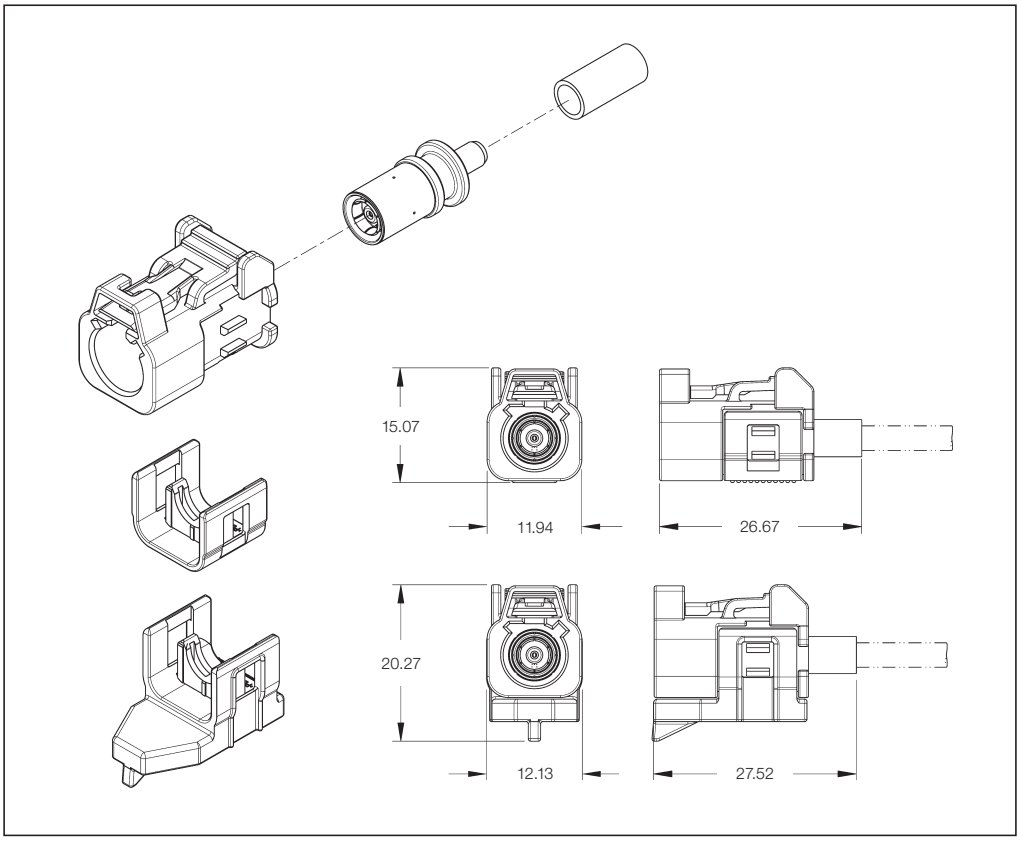
**No. of Positions:**
1 Position Plug Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
1.5DS-QFB

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 1 Position Plug Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Plug Kit | Contacts* | Mating Jack Kit |
| A | Jet Black | 1924134-1 | 1438896-4 | 1924133-1 |
| | | 5-1924134-1 | | |
| B | Signal White | 1924134-2 | | 1924133-2 |
| | | 5-1924134-2 | | |
| C | Signal Blue | 1924134-3 | | 1924133-3 |
| | | 5-1924134-3 | | |
| D | Claret Violet | 1924134-4 | | 1924133-4 |
| | | 5-1924134-4 | | |
| E | Leaf Green | 1924134-5 | | N/A |
| | | 5-1924134-5 | | |
| F | Nut Brown | 1924134-6 | | 1924133-6 |
| | | 5-1924134-6 | | |
| G | Blue Gray | 1924134-7 | | N/A |
| | | 5-1924134-7 | | |
| H | Heather Violet | 1924134-8 | | 1924133-8 |
| | | 5-1924134-8 | | |
| K | Curry | 1-1924134-0 | | 1-1924133-0 |
| | | 6-1924134-0 | | |

*) Socket Contact Part No. 1438896-4 must be purchased separately.
5-xxx or 6-xxx indicates body clip slot on lock.

## 1 Position Plug Kit for RG 59

### Technical Features

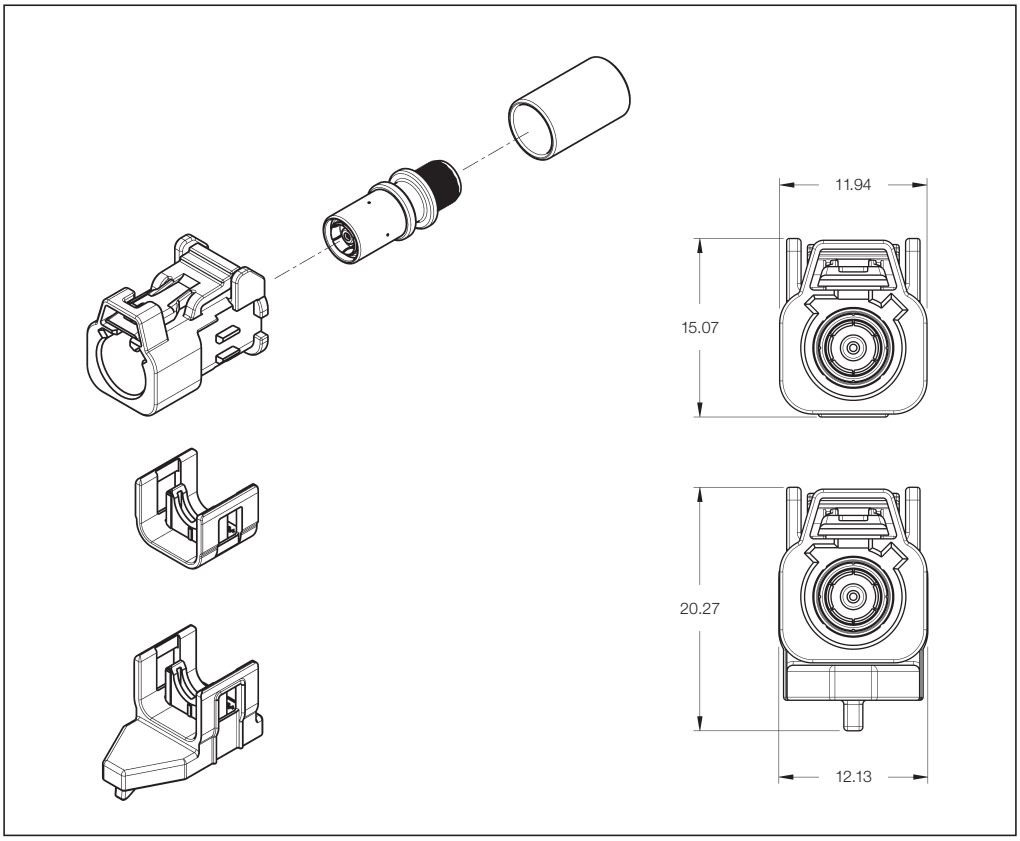
**No. of Positions:**
1 Position Plug Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 59

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 1 Position Plug Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Plug Kit | Contacts* | Mating Jack Kit |
| A | Jet Black | 776682-1 | 1438896-4 | 776681-1 |
| | | 5-776682-1 | | |
| B | Signal White | 776682-2 | | 776681-2 |
| | | 5-776682-2 | | |
| C | Signal Blue | 776682-3 | | 776681-3 |
| | | 5-776682-3 | | |
| D | Claret Violet | 776682-4 | | 776681-4 |
| | | 5-776682-4 | | |
| E | Leaf Green | 776682-5 | | N/A |
| | | 5-776682-5 | | |
| F | Nut Brown | 776682-6 | | 776681-6 |
| | | 5-776682-6 | | |
| G | Blue Gray | 776682-7 | | N/A |
| | | 5-776682-7 | | |
| H | Heather Violet | 776682-8 | | 776681-8 |
| | | 5-776682-8 | | |
| K | Curry | 1-776682-0 | | 1-776681-0 |
| | | 6-776682-0 | | |

*) Socket Contact Part No. 1438896-4 must be purchased separately.
5-xxx or 6-xxx indicates body clip slot on lock.



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## 1 Position R/A Plug Kit for RG 59

### Technical Features

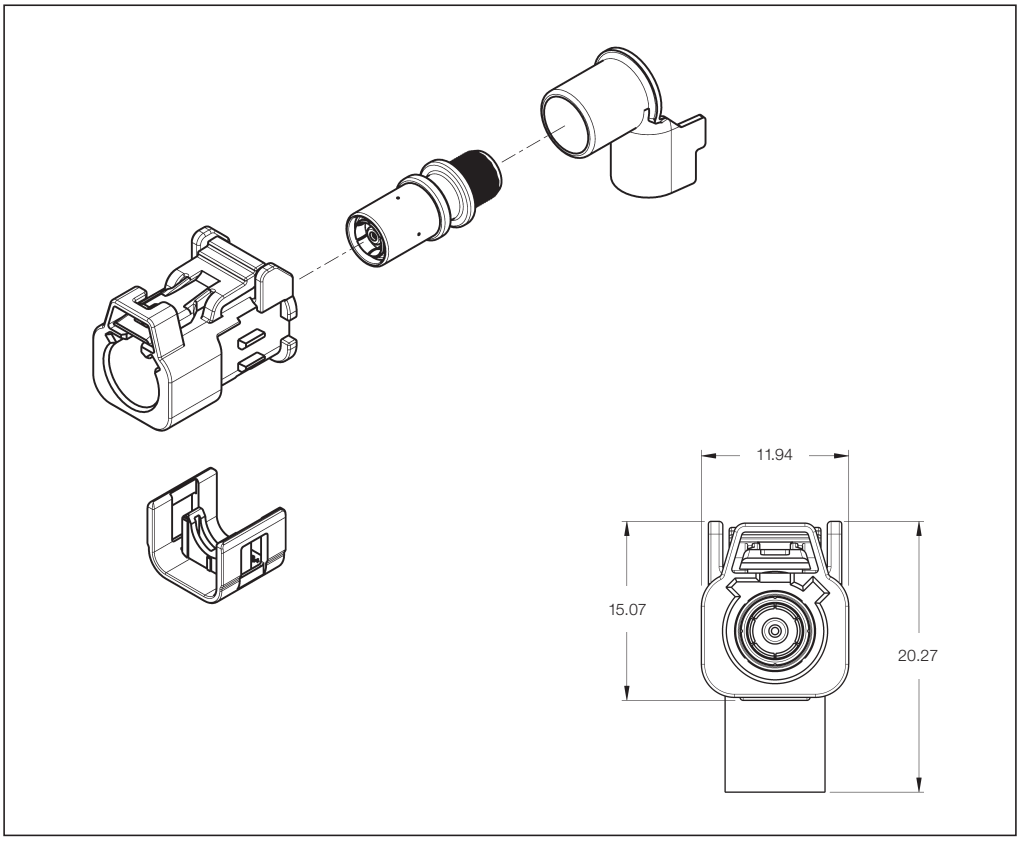
**No. of Positions:**
1 Position Plug Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 59

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 1 Position Plug Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Plug Kit | Contacts* | Mating Jack Kit |
| A | Jet Black | 776683-1 | | 776681-1 |
| B | Signal White | 776683-2 | | 776681-2 |
| C | Signal Blue | 776683-3 | | 776681-3 |
| D | Claret Violet | 776683-4 | | 776681-4 |
| E | Leaf Green | 776683-5 | 1438896-4 | N/A |
| F | Nut Brown | 776683-6 | | 776681-6 |
| G | Blue Gray | 776683-7 | | N/A |
| H | Heather Violet | 776683-8 | | 776681-8 |
| K | Curry | 1-776683-0 | | 1-776681-0 |

*) Socket Contact Part No. 1438896-4 must be purchased separately.

## 2 Positions Jack Kit for RG 174 and RG 174

### Technical Features

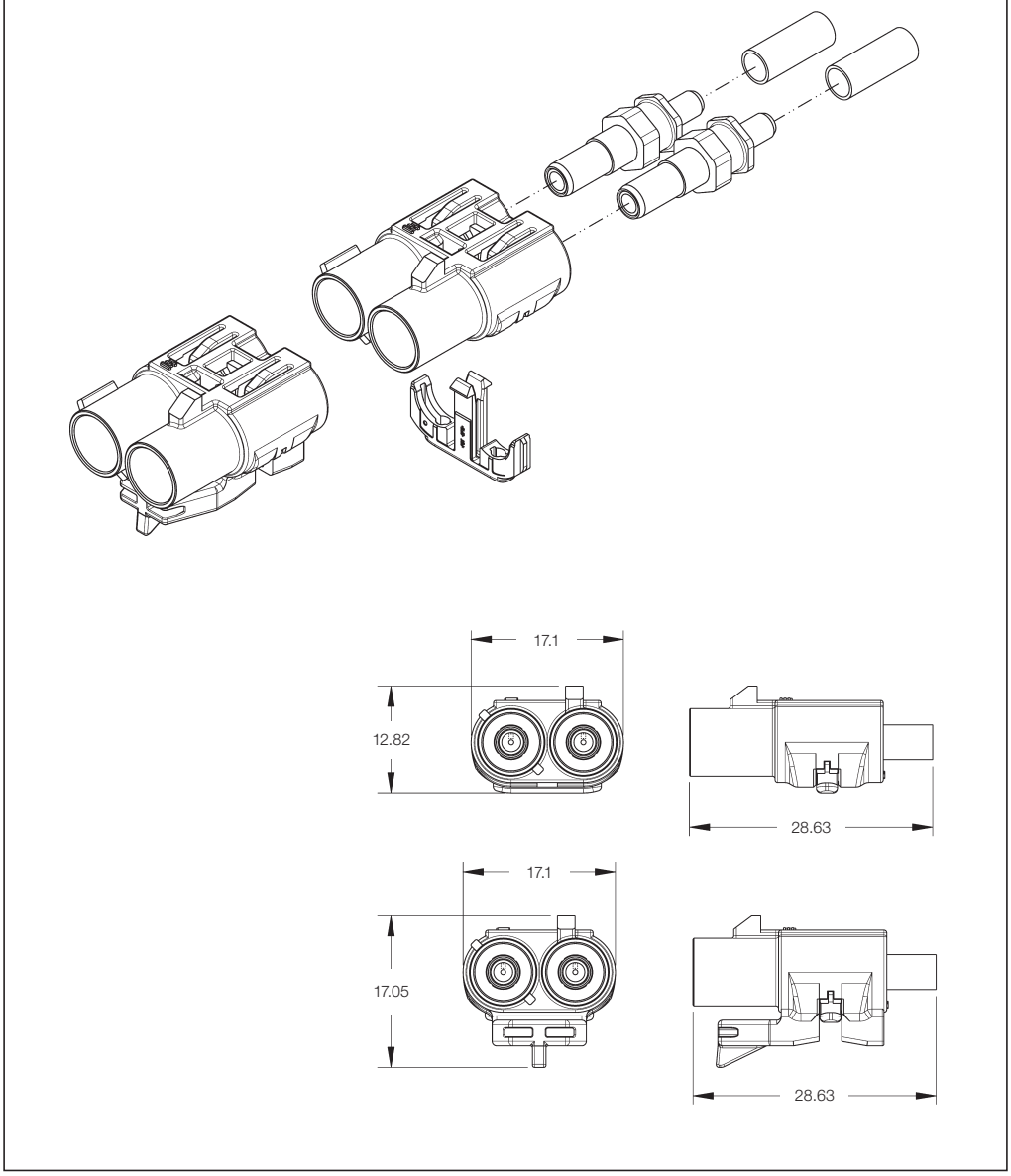
**No. of Positions:**
2 Positions Jack Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 174

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 2 Positions Jack Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Jack Kit | Contacts* | Mating Plug Kit |
| C2 | Signal Blue | 2035049-3<br>1-2035049-3 | 1438890-8 | 2035050-3 |

*) Pin Contact Part No. 1438890-8 must be purchased separately.
Part Number 1-2035049-3 has body clip slot.



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## 2 Positions Jack Kit for RG 174 and RG 58/RG 58LL

### Technical Features

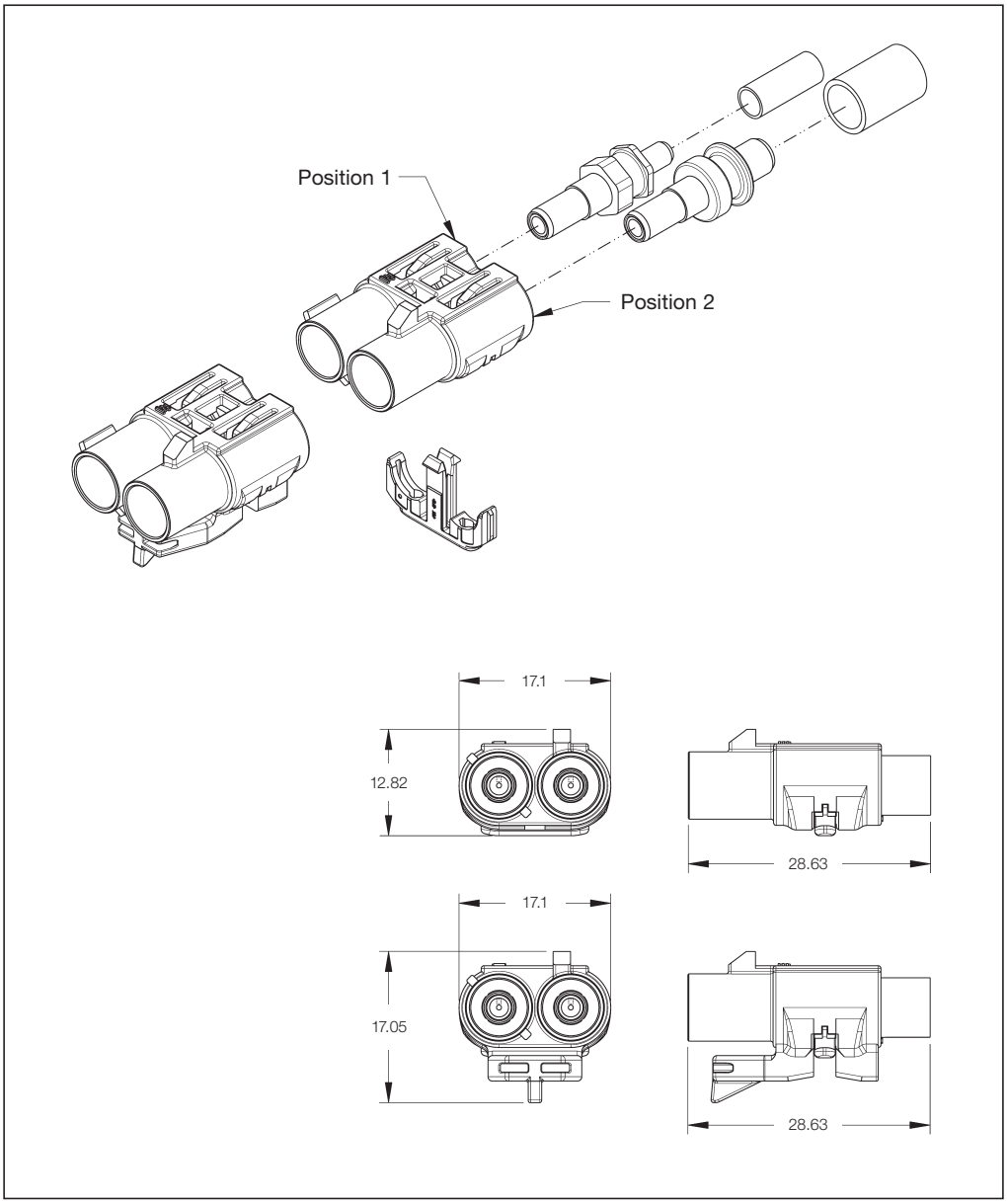
**No. of Positions:**
2 Positions Jack Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 174 and RG 58/RG 58LL

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 2 Positions Jack Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Jack Kit | Contacts* | Mating Plug Kit |
| C2 | Signal Blue | 2035242-3<br>1-2035242-3 | 1438890-7 and 1438890-8 | 2035243-3 |

*) Pin Contact Part No. 1438890-7 must be purchased separately for RG 58 and RG 58LL.
Pin Contact Part No. 1438890-8 must be purchased separately for RG 174 Mini.
Part Number 1-2035242-3 has body clip slot.

## 2 Positions Jack Kit for 1.5DS and 1.5DS

### Technical Features

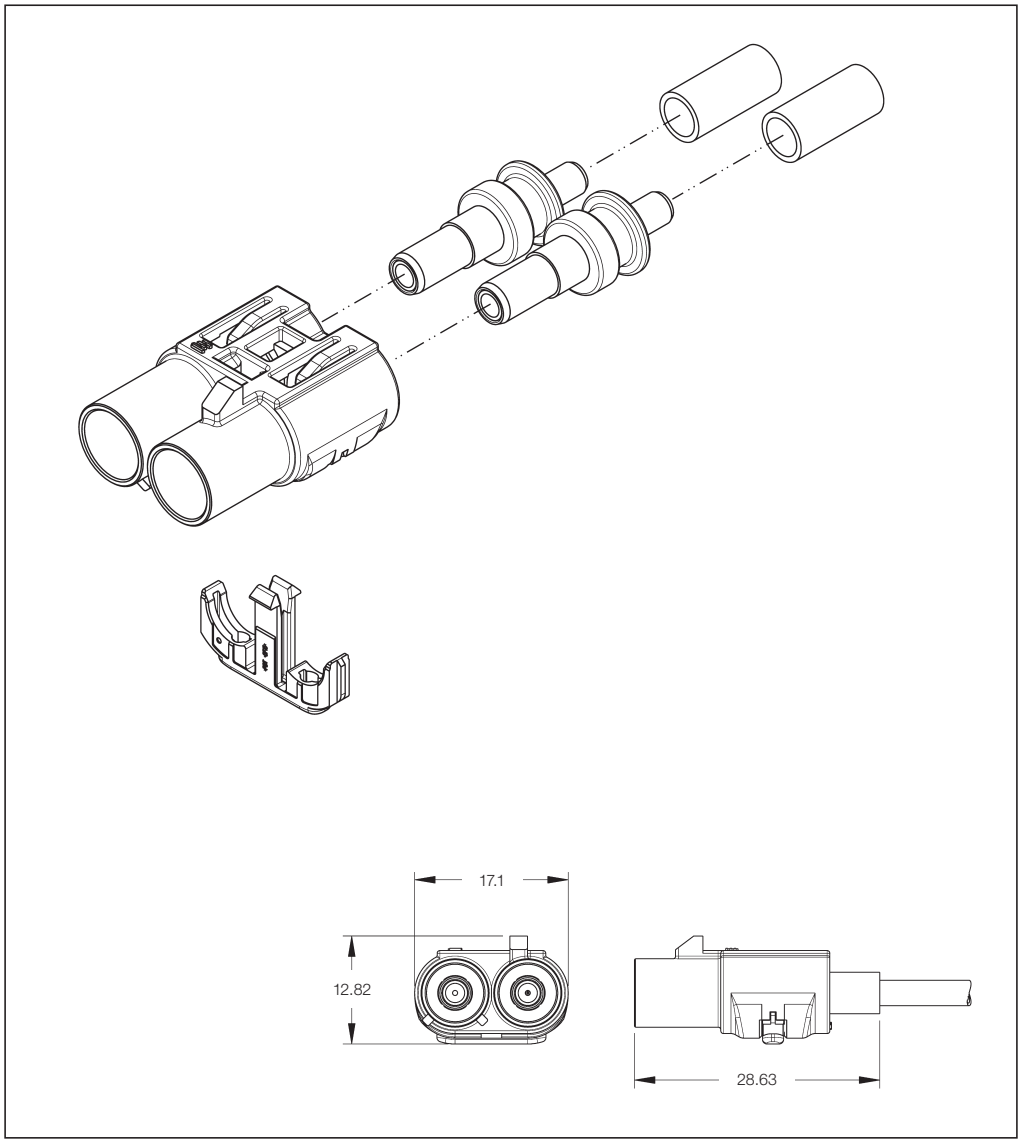
**No. of Positions:**
2 Positions Jack Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
1.5DS

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 2 Positions Jack Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Jack Kit | Contacts* | Mating Plug Kit |
| K2 | Curry | 1-2098134-0 | 1438890-8 | 6-2098140-0 |

*) Pin Contact Part No. 1438890-8 must be purchased separately.



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## 2 Positions Jack Kit for RG 174 and RG 71U/M

### Technical Features

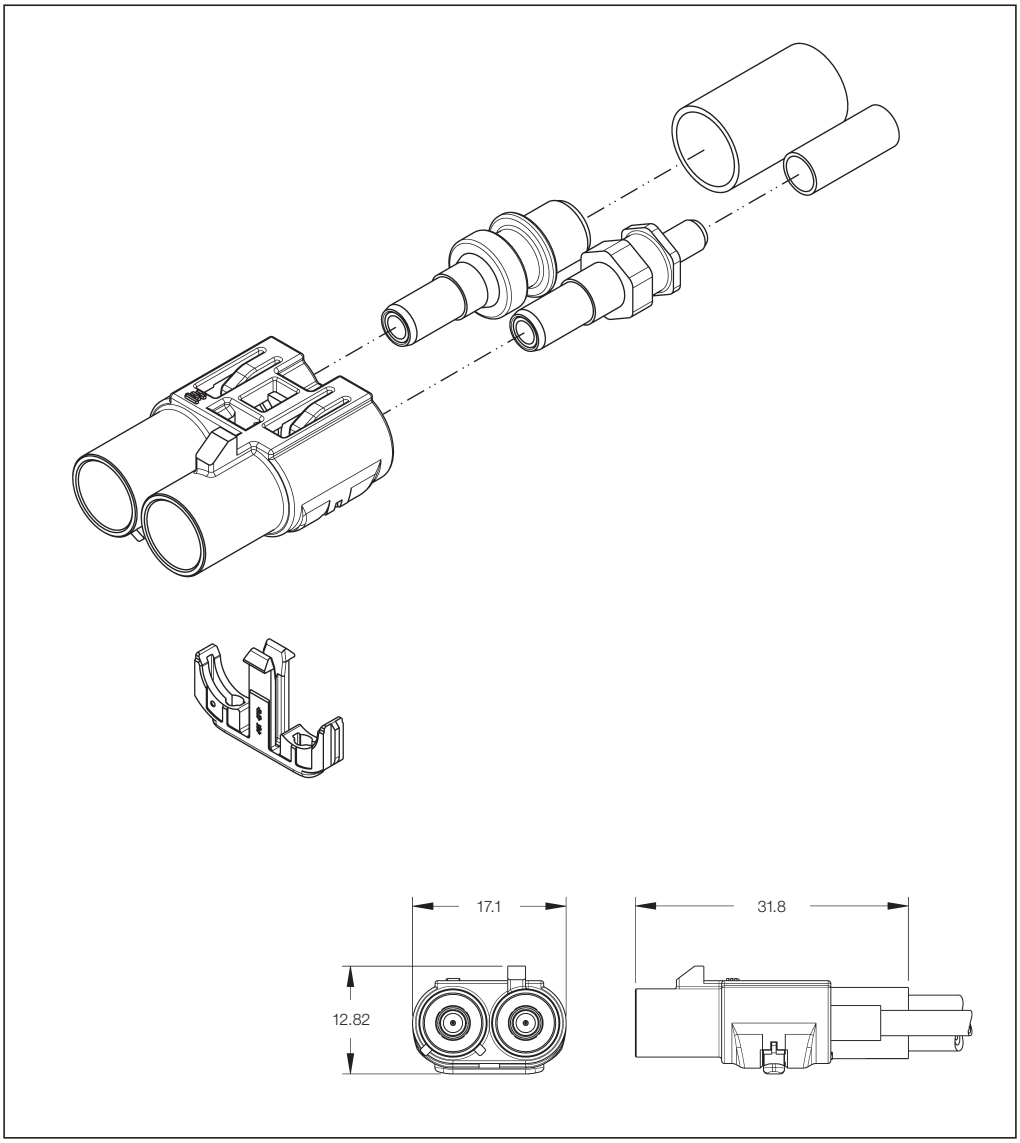
**No. of Positions:**
2 Positions Jack Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 174 and RG 71U/M

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 2 Positions Jack Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Jack Kit | Contacts* | Mating Plug Kit |
| K2 | Curry | 1-2098135-0 | 1438890-8 and 1438890-9 | 6-2098141-0 |

*) Pin Contact Part No. 1438890-8 must be purchased separately for RG 174.
Pin Contact Part No. 1438890-9 must be purchased separately for RG 71U/M.

## 2 Positions Jack Kit for 1.5DS and RG 71U/M

### Technical Features

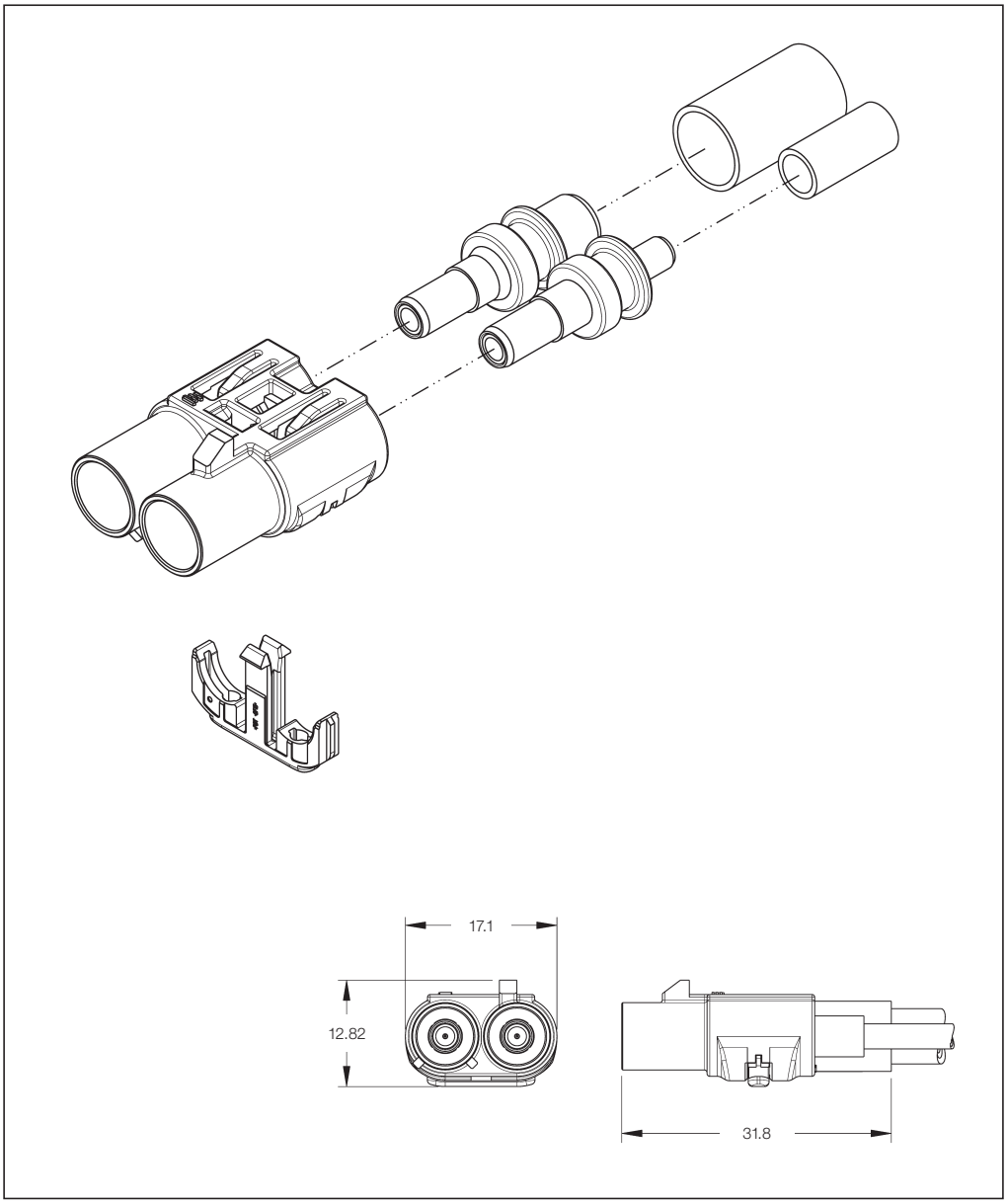
**No. of Positions:**
2 Positions Jack Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
1.5DS and RG 71U/M

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 2 Positions Jack Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Jack Kit | Contacts* | Mating Plug Kit |
| K2 | Curry | 1-2098136-0 | 1438890-8 and 1438890-9 | 6-2098142-0 |

*) Pin Contact Part No. 1438890-8 must be purchased separately for 1.5DS.
Pin Contact Part No. 1438890-9 must be purchased separately for RG 71U/M.



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## 2 Positions Plug Kit for RG 174 and RG 174

### Technical Features

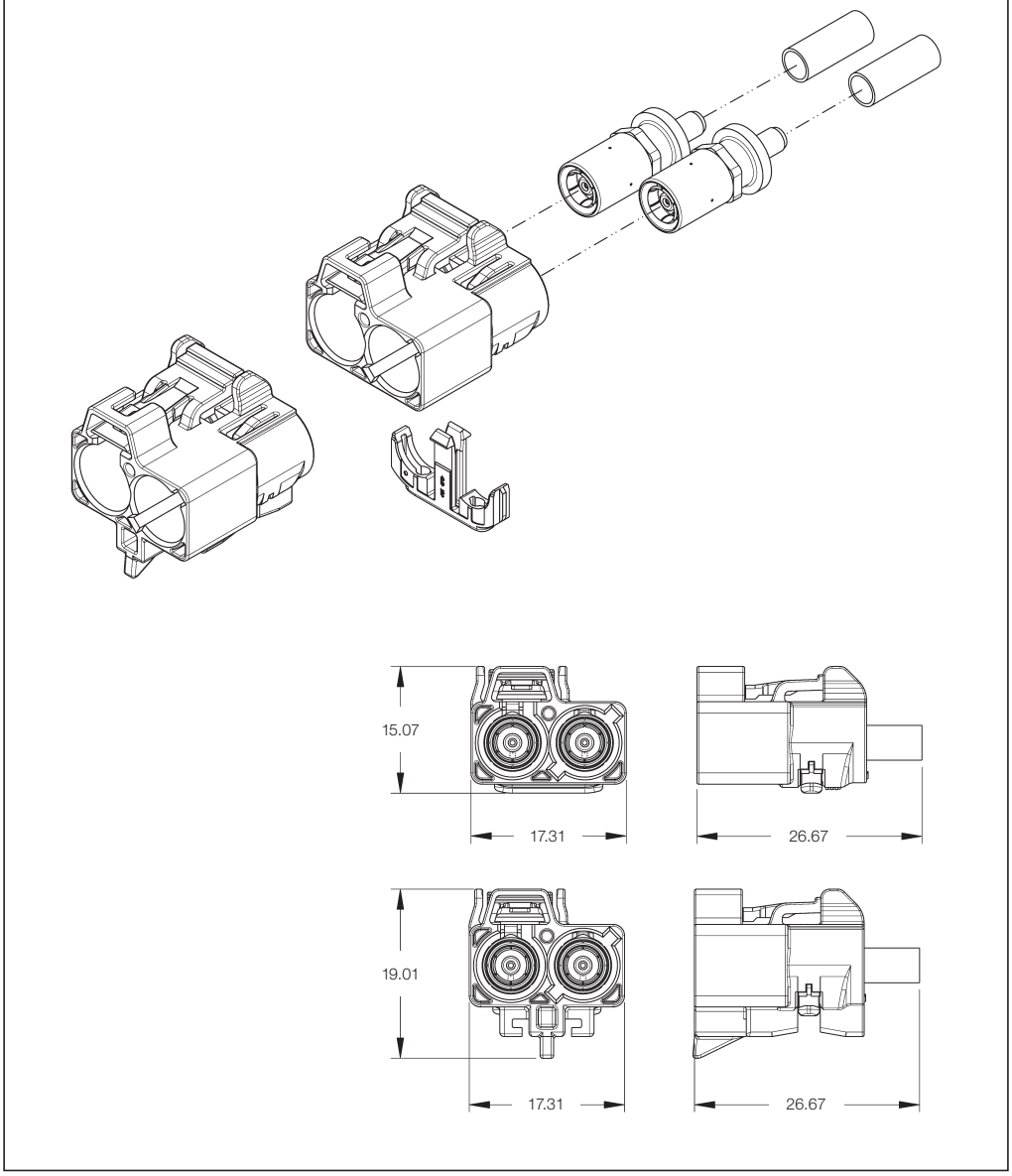
**No. of Positions:**
2 Positions Plug Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 174

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 2 Positions Plug Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Plug Kit | Contacts* | Mating Jack Kit |
| C2 | Signal Blue | 2035050-3<br>1-2035050-3 | 1438896-4 | 2035049-3 |

*) Socket Contact Part No. 1438896-4 must be purchased separately.
Part Number 1-2035050-3 has body clip slot.

## 2 Positions Plug Kit for RG 174 and RG 58/RG 58LL

### Technical Features

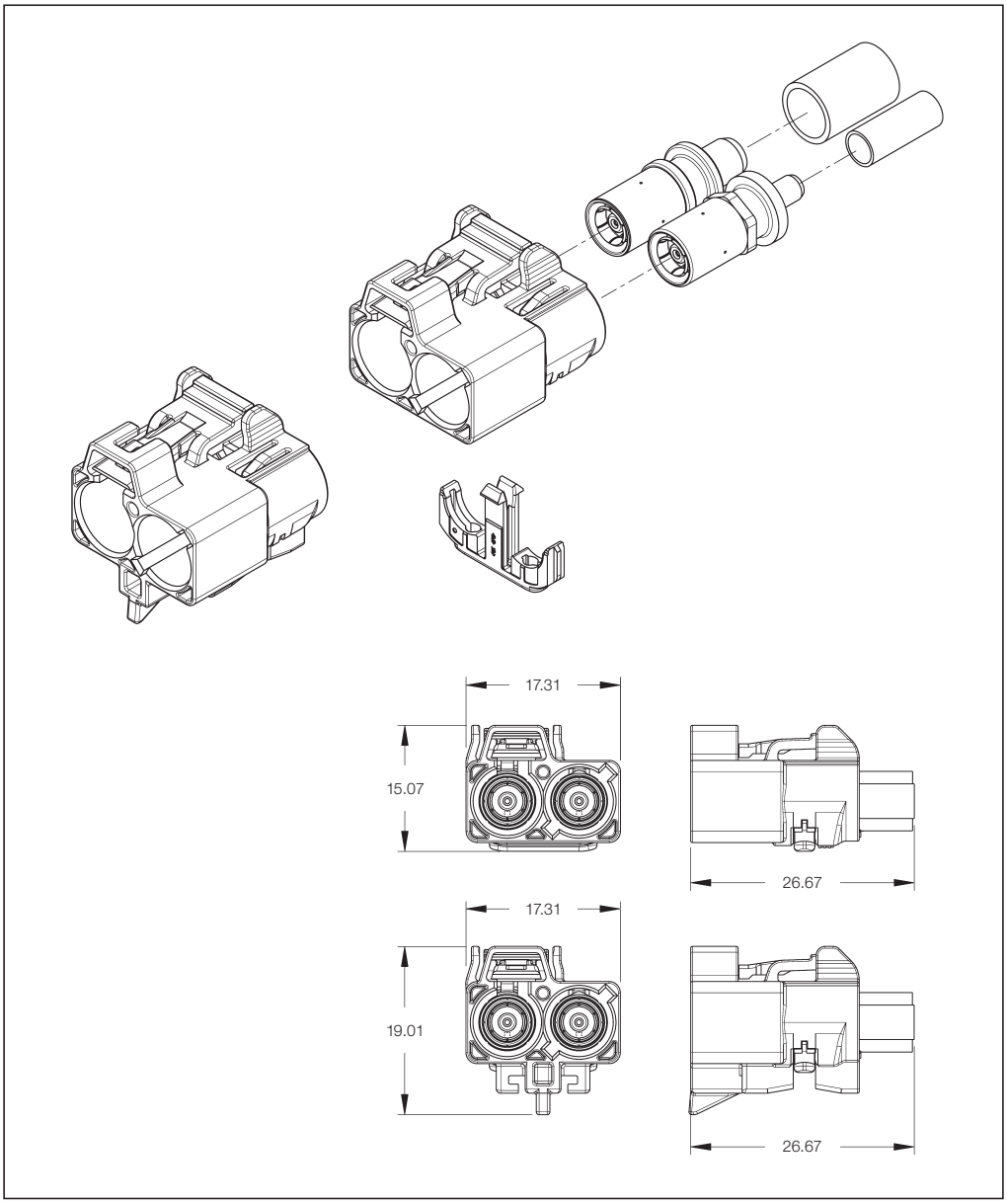
**No. of Positions:**
2 Positions Plug Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 174 and RG 58/RG 58LL

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 2 Positions Plug Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Plug Kit | Contacts* | Mating Jack Kit |
| C2 | Signal Blue | 2035243-3<br>1-2035243-3 | 1438896-2 and 1438896-4 | 2035242-3 |

*) Socket Contact Part No. 1438896-2 must be purchased separately for RG 58 or RG 58LL.
Socket Contact Part No. 1438896-4 must be purchased separately for RG 174.
Part Number 1-2035243-3 has body clip slot.



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## 2 Positions Plug Kit for RG 174 and RG 174

### Technical Features

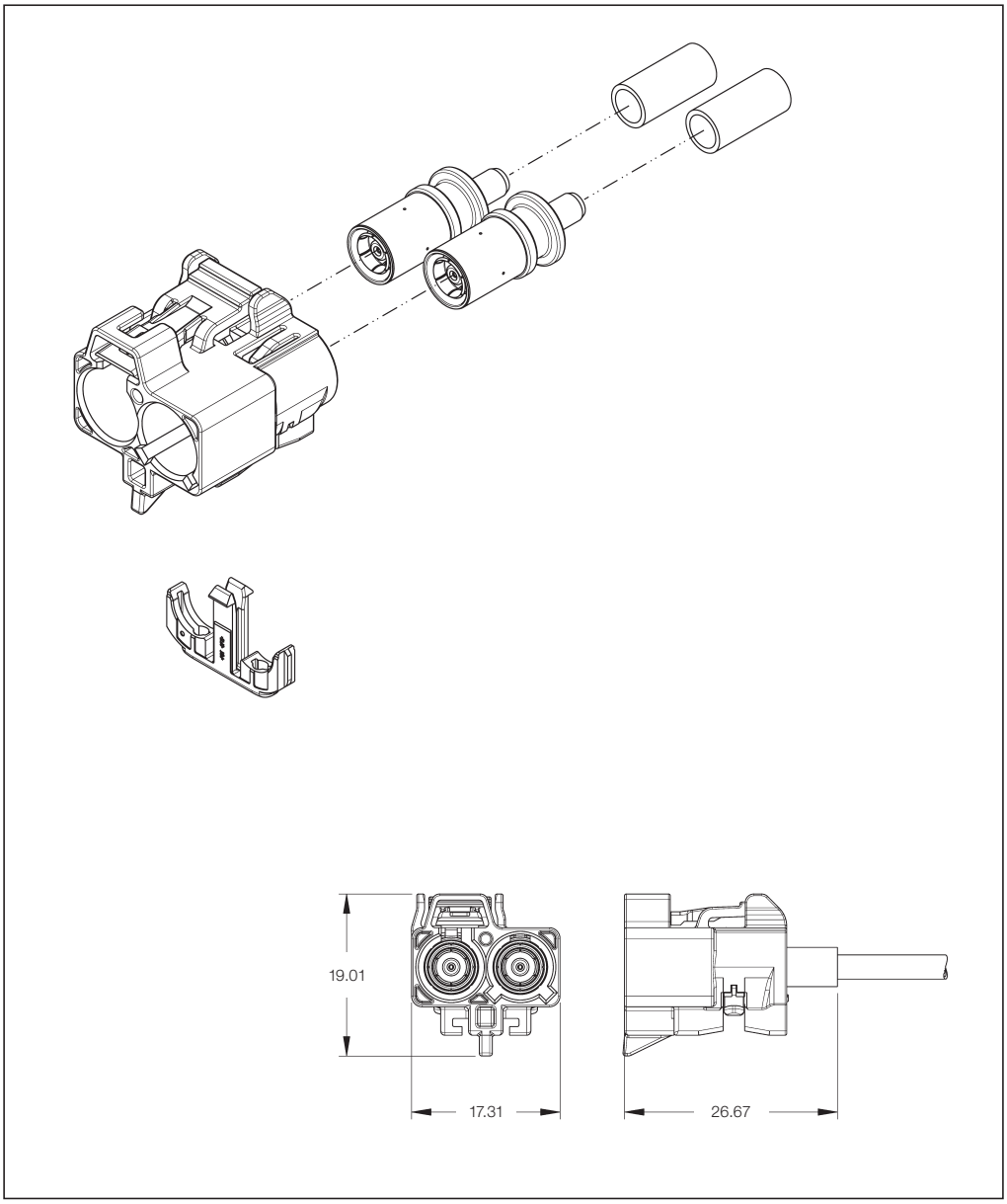
**No. of Positions:**
2 Positions Plug Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 174

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 2 Positions Plug Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Plug Kit | Contacts* | Mating Jack Kit |
| K2 | Curry | 6-2098140-0 | 1438896-4 | 1-2098134-0 |

*) Socket Contact Part No. 1438896-4 must be purchased separately.
Part Number 6-2098140-0 has body clip slot.

## 2 Positions Plug Kit for RG 174 and RG 71U/M

### Technical Features

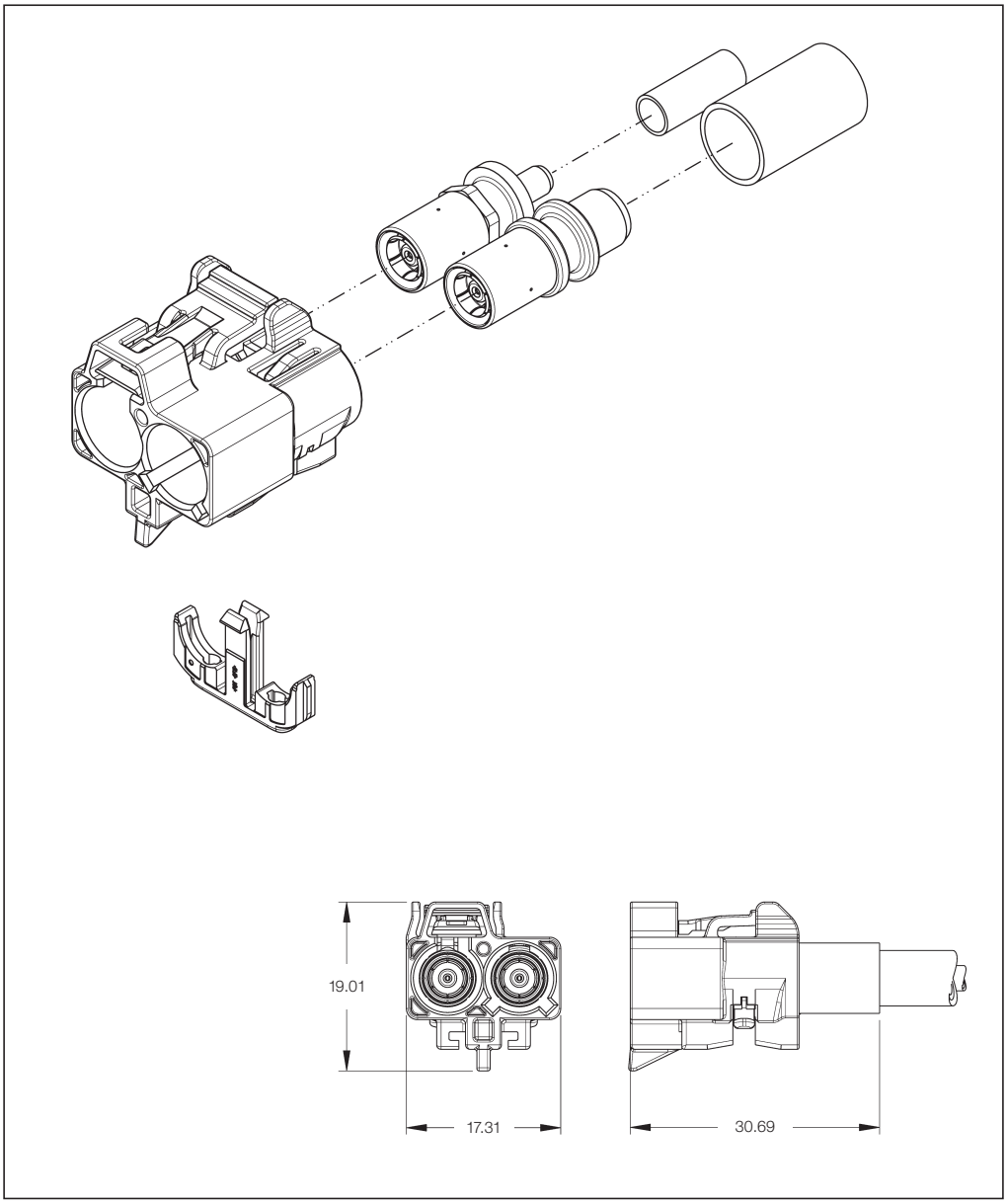
**No. of Positions:**
2 Positions Plug Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
RG 174 and RG 71U/M

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 2 Positions Plug Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Plug Kit | Contacts* | Mating Jack Kit |
| K2 | Curry | 6-2098141-0 | 1438896-4 and 1438896-6 | 1-2098135-0 |

*) Socket Contact Part No. 1438896-4 must be purchased separately for RG 174.
Socket Contact Part No. 1438896-6 must be purchased separately for RG 71U/M.
Part Number 6-2098141-0 has body clip slot.



All specifications subject to change. Consult Tyco Electronics for latest specifications.

## 2 Positions Plug Kit for 1.5DS and RG 71U/M

### Technical Features

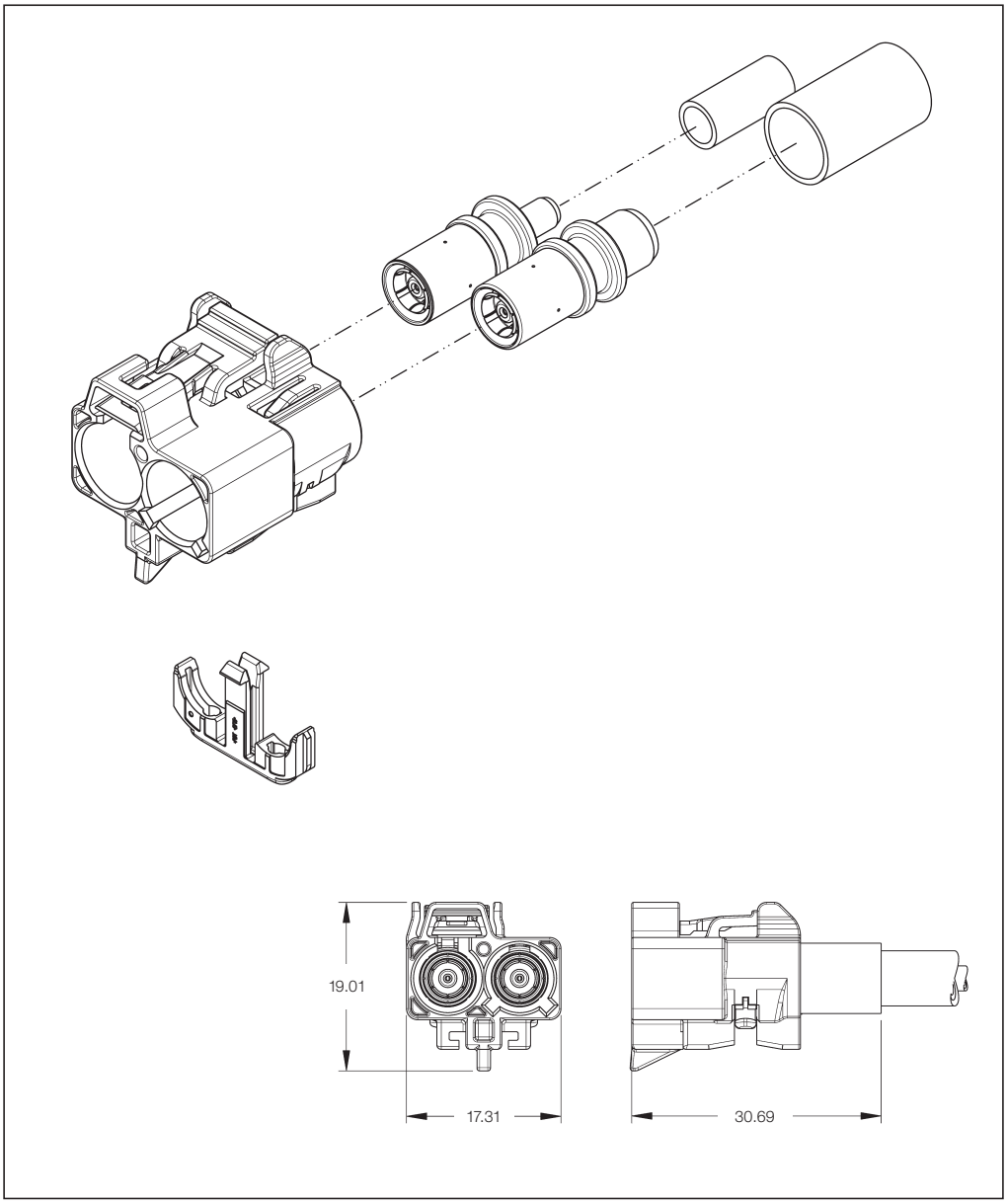
**No. of Positions:**
2 Positions Plug Kit, Unassembled

**Housing Material:**
Polyester PBT

**Wire Size Range:**
1.5DS and RG 71U/M

**Product Specification:**
DIN 72594-1

**Application Specification:**
114-13157




### 2 Positions Plug Kit

| Keying Options | Housing Color | Part Numbers | | |
|---|---|---|---|---|
| | | Plug Kit | Contacts* | Mating Jack Kit |
| K2 | Curry | 6-2098142-0 | 1438896-4 and 1438896-6 | 1-2098136-0 |

*) Socket Contact Part No. 1438896-4 must be purchased separately for 1.5DS.
Socket Contact Part No. 1438896-6 must be purchased separately for RG 71U/M.
Part Number 6-2098142-0 has body clip slot.

## Numerical Index


| Part Number | Page |
|---|---|
| 1-413889-3 | 7-2, 7-5, 7-6, 7-7 |
| 539635-1 | 7-2, 7-3, 7-4, 7-5, 7-6, 7-7, 7-8, 7-9, 7-10, 7-11, 7-12, 7-13 |
| 9-541781-7 | 7-3 |
| 9-541782-7 | 7-2, 7-4, 7-5, 7-6, 7-7, 7-11, 7-12, 7-13 |
| 9-541797-7 | 7-8, 7-9, 7-10 |
| 601966-1 | 7-5, 7-6, 7-7, 7-8, 7-9, 7-10 |
| 680900-1 | 7-27, 7-28 |
| 776681-1 | 7-37, 7-52, 7-53 |
| 776681-2 | 7-37, 7-52, 7-53 |
| 776681-3 | 7-37, 7-52, 7-53 |
| 776681-4 | 7-37, 7-52, 7-53 |
| 776681-6 | 7-37, 7-52, 7-53 |
| 776681-8 | 7-37, 7-52, 7-53 |
| 1-776681-0 | 7-37, 7-52, 7-53 |
| 5-776681-1 | 7-37 |
| 5-776681-2 | 7-37 |
| 5-776681-3 | 7-37 |
| 5-776681-4 | 7-37 |
| 5-776681-6 | 7-37 |
| 5-776681-8 | 7-37 |
| 6-776681-0 | 7-37 |
| 776682-1 | 7-37, 7-52 |
| 776682-2 | 7-37, 7-52 |
| 776682-3 | 7-37, 7-52 |
| 776682-4 | 7-37, 7-52 |
| 776682-5 | 7-52 |
| 776682-6 | 7-37, 7-52 |
| 776682-7 | 7-52 |
| 776682-8 | 7-37, 7-52 |
| 1-776682-0 | 7-37, 7-52 |
| 5-776682-1 | 7-52 |
| 5-776682-2 | 7-52 |
| 5-776682-3 | 7-52 |
| 5-776682-4 | 7-52 |
| 5-776682-5 | 7-52 |
| 5-776682-6 | 7-52 |
| 5-776682-7 | 7-52 |
| 5-776682-8 | 7-52 |
| 6-776682-0 | 7-52 |
| 776683-1 | 7-37, 7-53 |
| 776683-2 | 7-37, 7-53 |
| 776683-3 | 7-37, 7-53 |
| 776683-4 | 7-37, 7-53 |
| 776683-5 | 7-53 |
| 776683-6 | 7-37, 7-53 |
| 776683-7 | 7-53 |
| 776683-8 | 7-37, 7-53 |
| 1-776683-0 | 7-37, 7-53 |
| 776797-1 | 7-38 |
| 776797-2 | 7-38 |
| 776797-3 | 7-38 |
| 776797-4 | 7-38 |
| 776797-6 | 7-38 |
| 776797-8 | 7-38 |
| 1-776797-0 | 7-38 |
| 956163-2 | 7-3, 7-8, 7-9, 7-10 |
| 956339-1 | 7-3, 7-8, 7-9, 7-10 |
| 956339-2 | 7-3, 7-8, 7-9, 7-10 |
| 1385456-3 | 7-27, 7-28 |
| 1385623-3 | 7-27, 7-28 |
| 1385624-3 | 7-27, 7-28 |
| 1385675-3 | 7-27, 7-28 |
| 1418970-1 | 7-7, 7-13 |
| 1418971-1 | 7-5, 7-6, 7-11, 7-12 |
| 1418972-1 | 7-10 |
| 1418973-1 | 7-8, 7-9 |
| 1418990-1 | 7-3 |
| 1418993-1 | 7-3, 7-4 |
| 1438890-7 | 7-28, 7-30, 7-55 |
| 1438890-8 | 7-28, 7-29, 7-30, 7-31, 7-33, 7-35, 7-36, 7-37, 7-38, 7-54, 7-55, 7-56, 7-57, 7-58 |
| 1438890-9 | 7-28, 7-31, 7-32, 7-34, 7-35, 7-57, 7-58 |
| 1438891-1 | 7-29, 7-39, 7-40 |
| 1438891-2 | 7-29, 7-39, 7-40 |
| 1438891-3 | 7-29, 7-39, 7-40 |
| 1438891-4 | 7-29, 7-39, 7-40 |
| 1438891-6 | 7-29, 7-39, 7-40 |
| 1438891-8 | 7-29, 7-39, 7-40 |
| 1-1438891-0 | 7-29, 7-39, 7-40 |
| 5-1438891-1 | 7-29 |
| 5-1438891-2 | 7-29 |
| 5-1438891-3 | 7-29 |
| 5-1438891-4 | 7-29 |
| 5-1438891-6 | 7-29 |
| 5-1438891-8 | 7-29 |
| 6-1438891-0 | 7-29 |
| 1438896-2 | 7-27, 7-41, 7-42, 7-60 |
| 1438896-4 | 7-27, 7-39, 7-40, 7-41, 7-42, 7-43, 7-44, 7-47, 7-48, 7-51, 7-52, 7-53, 7-59, 7-60, 7-61, 7-62, 7-63 |
| 1438896-6 | 7-27, 7-43, 7-44, 7-45, 7-46, 7-49, 7-50, 7-62, 7-63 |
| 1438897-1 | 7-29, 7-38, 7-39 |
| 1438897-2 | 7-29, 7-38, 7-39 |
| 1438897-3 | 7-29, 7-38, 7-39 |
| 1438897-4 | 7-29, 7-38, 7-39 |
| 1438897-5 | 7-39 |
| 1438897-6 | 7-29, 7-38, 7-39 |
| 1438897-7 | 7-39 |
| 1438897-8 | 7-29, 7-38, 7-39 |
| 1-1438897-0 | 7-29, 7-38, 7-39 |
| 5-1438897-1 | 7-39 |
| 5-1438897-2 | 7-39 |
| 5-1438897-3 | 7-39 |
| 5-1438897-4 | 7-39 |
| 5-1438897-5 | 7-39 |
| 5-1438897-6 | 7-39 |
| 5-1438897-7 | 7-39 |
| 5-1438897-8 | 7-39 |
| 6-1438897-0 | 7-39 |
| 1438904-1 | 7-29, 7-40 |
| 1438904-2 | 7-29, 7-40 |
| 1438904-3 | 7-29, 7-40 |
| 1438904-4 | 7-29, 7-40 |
| 1438904-5 | 7-40 |
| 1438904-6 | 7-29, 7-40 |
| 1438904-7 | 7-40 |
| 1438904-8 | 7-29, 7-40 |
| 1-1438904-0 | 7-40 |
| 1-1438904-4 | 7-29 |
| 1438911-1 | 7-30, 7-41, 7-42 |
| 1438911-2 | 7-30, 7-41, 7-42 |
| 1438911-3 | 7-30, 7-41, 7-42 |
| 1438911-4 | 7-30, 7-41, 7-42 |
| 1438911-6 | 7-30, 7-41, 7-42 |
| 1438911-8 | 7-30, 7-41, 7-42 |
| 1-1438911-0 | 7-30, 7-41, 7-42 |
| 5-1438911-1 | 7-30 |
| 5-1438911-2 | 7-30 |
| 5-1438911-3 | 7-30 |
| 5-1438911-4 | 7-30 |
| 5-1438911-6 | 7-30 |
| 5-1438911-8 | 7-30 |
| 6-1438911-0 | 7-30 |
| 1438912-1 | 7-31, 7-43, 7-44 |
| 1438912-2 | 7-31, 7-43, 7-44 |
| 1438912-3 | 7-31, 7-43, 7-44 |
| 1438912-4 | 7-31, 7-43, 7-44 |
| 1438912-6 | 7-31, 7-43, 7-44 |




All specifications subject to change. Consult Tyco Electronics for latest specifications.

## Numerical Index


| Part Number | Page |
|---|---|
| 1438912-8 | 7-31, 7-43, 7-44 |
| 1-1438912-0 | 7-31, 7-43, 7-44 |
| 5-1438912-1 | 7-31 |
| 5-1438912-2 | 7-31 |
| 5-1438912-3 | 7-31 |
| 5-1438912-4 | 7-31 |
| 5-1438912-6 | 7-31 |
| 5-1438912-8 | 7-31 |
| 6-1438912-0 | 7-31 |
| 1438919-1 | 7-30, 7-41 |
| 1438919-2 | 7-30, 7-41 |
| 1438919-3 | 7-30, 7-41 |
| 1438919-4 | 7-30, 7-41 |
| 1438919-5 | 7-41 |
| 1438919-6 | 7-30, 7-41 |
| 1438919-7 | 7-41 |
| 1438919-8 | 7-30, 7-41 |
| 1-1438919-0 | 7-30, 7-41 |
| 5-1438919-1 | 7-41 |
| 5-1438919-2 | 7-41 |
| 5-1438919-3 | 7-41 |
| 5-1438919-4 | 7-41 |
| 5-1438919-5 | 7-41 |
| 5-1438919-6 | 7-41 |
| 5-1438919-7 | 7-41 |
| 5-1438919-8 | 7-41 |
| 6-1438919-0 | 7-41 |
| 1438920-1 | 7-30, 7-42 |
| 1438920-2 | 7-30, 7-42 |
| 1438920-3 | 7-30, 7-42 |
| 1438920-4 | 7-30, 7-42 |
| 1438920-5 | 7-42 |
| 1438920-6 | 7-30, 7-42 |
| 1438920-7 | 7-42 |
| 1438920-8 | 7-30, 7-42 |
| 1-1438920-0 | 7-42 |
| 1-1438920-4 | 7-30 |
| 1438922-1 | 7-32, 7-45 |
| 1438922-2 | 7-32, 7-45 |
| 1438922-3 | 7-32, 7-45 |
| 1438922-4 | 7-32, 7-45 |
| 1438922-5 | 7-45 |
| 1438922-6 | 7-32, 7-45 |
| 1438922-7 | 7-45 |
| 1438922-8 | 7-32, 7-45 |
| 1-1438922-0 | 7-32, 7-45 |
| 5-1438922-1 | 7-45 |
| 5-1438922-2 | 7-45 |
| 5-1438922-3 | 7-45 |
| 5-1438922-4 | 7-45 |
| 5-1438922-5 | 7-45 |
| 5-1438922-6 | 7-45 |
| 5-1438922-7 | 7-45 |
| 5-1438922-8 | 7-45 |
| 6-1438922-0 | 7-45 |
| 1438923-1 | 7-32, 7-46 |
| 1438923-2 | 7-32, 7-46 |
| 1438923-3 | 7-32, 7-46 |
| 1438923-4 | 7-32, 7-46 |
| 1438923-5 | 7-46 |
| 1438923-6 | 7-32, 7-46 |
| 1438923-7 | 7-46 |
| 1438923-8 | 7-32, 7-46 |
| 1-1438923-0 | 7-46 |
| 1-1438923-4 | 7-32 |
| 1438924-1 | 7-32, 7-45, 7-46 |
| 1438924-2 | 7-32, 7-45, 7-46 |
| 1438924-3 | 7-32, 7-45, 7-46 |
| 1438924-4 | 7-32, 7-45, 7-46 |
| 1438924-6 | 7-32, 7-45, 7-46 |
| 1438924-8 | 7-32, 7-45, 7-46 |
| 1-1438924-0 | 7-32, 7-45, 7-46 |
| 5-1438924-1 | 7-32 |
| 5-1438924-2 | 7-32 |
| 5-1438924-3 | 7-32 |
| 5-1438924-4 | 7-32 |
| 5-1438924-6 | 7-32 |
| 5-1438924-8 | 7-32 |
| 6-1438924-0 | 7-32 |
| 1438955-1 | 7-33, 7-47 |
| 1438955-2 | 7-33, 7-47 |
| 1438955-3 | 7-33, 7-47 |
| 1438955-4 | 7-33, 7-47 |
| 1438955-5 | 7-47 |
| 1438955-6 | 7-33, 7-47 |
| 1438955-7 | 7-47 |
| 1438955-8 | 7-33, 7-47 |
| 1-1438955-0 | 7-33, 7-47 |
| 5-1438955-1 | 7-47 |
| 5-1438955-2 | 7-47 |
| 5-1438955-3 | 7-47 |
| 5-1438955-4 | 7-47 |
| 5-1438955-5 | 7-47 |
| 5-1438955-6 | 7-47 |
| 5-1438955-7 | 7-47 |
| 5-1438955-8 | 7-47 |
| 6-1438955-0 | 7-47 |
| 1438956-1 | 7-33, 7-48 |
| 1438956-2 | 7-33, 7-48 |
| 1438956-3 | 7-33, 7-48 |
| 1438956-4 | 7-33, 7-48 |
| 1438956-5 | 7-48 |
| 1438956-6 | 7-33, 7-48 |
| 1438956-7 | 7-48 |
| 1438956-8 | 7-33, 7-48 |
| 1-1438956-0 | 7-48 |
| 1-1438956-4 | 7-33 |
| 1438957-1 | 7-33, 7-47, 7-48 |
| 1438957-2 | 7-33, 7-47, 7-48 |
| 1438957-3 | 7-33, 7-47, 7-48 |
| 1438957-4 | 7-33, 7-47, 7-48 |
| 1438957-6 | 7-33, 7-47, 7-48 |
| 1438957-8 | 7-33, 7-47, 7-48 |
| 1-1438957-0 | 7-33, 7-47, 7-48 |
| 5-1438957-1 | 7-33 |
| 5-1438957-2 | 7-33 |
| 5-1438957-3 | 7-33 |
| 5-1438957-4 | 7-33 |
| 5-1438957-6 | 7-33 |
| 5-1438957-8 | 7-33 |
| 6-1438957-0 | 7-33 |
| 1438958-1 | 7-34, 7-49 |
| 1438958-2 | 7-34, 7-49 |
| 1438958-3 | 7-34, 7-49 |
| 1438958-4 | 7-34, 7-49 |
| 1438958-5 | 7-49 |
| 1438958-6 | 7-34, 7-49 |
| 1438958-7 | 7-49 |
| 1438958-8 | 7-34, 7-49 |
| 1-1438958-0 | 7-34, 7-49 |
| 5-1438958-1 | 7-49 |
| 5-1438958-2 | 7-49 |
| 5-1438958-3 | 7-49 |
| 5-1438958-4 | 7-49 |
| 5-1438958-5 | 7-49 |
| 5-1438958-6 | 7-49 |
| 5-1438958-7 | 7-49 |
| 5-1438958-8 | 7-49 |
| 6-1438958-0 | 7-49 |
| 1438959-1 | 7-34, 7-50 |
| 1438959-2 | 7-34, 7-50 |
| 1438959-3 | 7-34, 7-50 |
| 1438959-4 | 7-34, 7-50 |
| 1438959-5 | 7-50 |
| 1438959-6 | 7-34, 7-50 |
| 1438959-7 | 7-50 |
| 1438959-8 | 7-34, 7-50 |
| 1-1438959-0 | 7-50 |
| 1-1438959-4 | 7-34 |
| 1438960-1 | 7-34, 7-49, 7-50 |
| 1438960-2 | 7-34, 7-49, 7-50 |
| 1438960-3 | 7-34, 7-49, 7-50 |
| 1438960-4 | 7-34, 7-49, 7-50 |
| 1438960-6 | 7-34, 7-49, 7-50 |
| 1438960-8 | 7-34, 7-49, 7-50 |
| 1-1438960-0 | 7-34, 7-49, 7-50 |
| 5-1438960-1 | 7-34 |
| 5-1438960-2 | 7-34 |
| 5-1438960-3 | 7-34 |
| 5-1438960-4 | 7-34 |
| 5-1438960-6 | 7-34 |
| 5-1438960-8 | 7-34 |
| 6-1438960-0 | 7-34 |
| 1449103-1 | 7-2, 7-5, 7-6, 7-7 |
| 1452480-1 | 7-16, 7-17, 7-18 |
| 1452480-2 | 7-16, 7-17, 7-18 |
| 1452480-3 | 7-16, 7-17, 7-18 |
| 1452480-4 | 7-16, 7-17, 7-18 |
| 1452480-5 | 7-16, 7-17, 7-18 |
| 1452480-6 | 7-16, 7-17, 7-18 |
| 1452480-7 | 7-16, 7-17, 7-18 |
| 1452480-8 | 7-16, 7-17, 7-18 |
| 1452480-9 | 7-16, 7-17, 7-18 |
| 1-1452480-0 | 7-16, 7-17, 7-18 |

## Numerical Index


| Part Number | Page |
|---|---|
| 1-1452480-1 | 7-16, 7-17, 7-18 |
| 1452483-1 | 7-17, 7-18, 7-25 |
| 1452483-2 | 7-17, 7-18, 7-25 |
| 1452483-3 | 7-17, 7-18, 7-25 |
| 1452483-4 | 7-17, 7-18, 7-25 |
| 1452483-5 | 7-17, 7-18, 7-25 |
| 1452483-6 | 7-17, 7-18, 7-25 |
| 1452483-7 | 7-17, 7-18, 7-25 |
| 1452483-8 | 7-17, 7-18, 7-25 |
| 1452483-9 | 7-17, 7-18, 7-25 |
| 1-1452483-0 | 7-17, 7-18 |
| 1-1452483-1 | 7-17, 7-18, 7-25 |
| 2-1452483-1 | 7-16 |
| 2-1452483-2 | 7-16 |
| 2-1452483-3 | 7-16 |
| 2-1452483-4 | 7-16 |
| 2-1452483-5 | 7-16 |
| 2-1452483-6 | 7-16 |
| 2-1452483-7 | 7-16 |
| 2-1452483-8 | 7-16 |
| 2-1452483-9 | 7-16 |
| 3-1452483-0 | 7-16 |
| 3-1452483-1 | 7-16 |
| 1452484-1 | 7-23, 7-24 |
| 1452484-2 | 7-23, 7-24 |
| 1452484-3 | 7-23, 7-24 |
| 1452484-4 | 7-23, 7-24 |
| 1452484-5 | 7-23, 7-24 |
| 1452484-6 | 7-23, 7-24 |
| 1452484-7 | 7-23, 7-24 |
| 1452484-8 | 7-23, 7-24 |
| 1452484-9 | 7-23, 7-24 |
| 1-1452484-1 | 7-23, 7-24 |
| 1452581-1 | 7-14, 7-15, 7-21, 7-22 |
| 1452581-2 | 7-14, 7-15, 7-21, 7-22 |
| 1452581-3 | 7-14, 7-15, 7-21, 7-22 |
| 1452581-4 | 7-14, 7-15, 7-21, 7-22 |
| 1452581-5 | 7-14, 7-15, 7-21, 7-22 |
| 1452581-6 | 7-14, 7-15, 7-21, 7-22 |
| 1452581-7 | 7-14, 7-15, 7-21, 7-22 |
| 1452581-8 | 7-14, 7-15, 7-21, 7-22 |
| 1452581-9 | 7-14, 7-15, 7-21, 7-22 |
| 1-1452581-0 | 7-14, 7-15, 7-21, 7-22 |
| 1-1452581-1 | 7-14, 7-15, 7-21, 7-22 |
| 1452584-1 | 7-14, 7-15 |
| 1452584-2 | 7-14, 7-15 |
| 1452584-3 | 7-14, 7-15 |
| 1452584-4 | 7-14, 7-15 |
| 1452584-5 | 7-14, 7-15 |
| 1452584-6 | 7-14, 7-15 |
| 1452584-7 | 7-14, 7-15 |
| 1452584-8 | 7-14, 7-15 |
| 1452584-9 | 7-14, 7-15 |
| 1-1452584-0 | 7-14, 7-15 |
| 1-1452584-1 | 7-14, 7-15 |
| 1452587-1 | 7-19, 7-20 |
| 1452587-2 | 7-19, 7-20 |
| 1452587-3 | 7-19, 7-20 |
| 1452587-4 | 7-19, 7-20 |
| 1452587-5 | 7-19, 7-20 |
| 1452587-6 | 7-19, 7-20 |
| 1452587-7 | 7-19, 7-20 |
| 1452587-8 | 7-19, 7-20 |
| 1452587-9 | 7-19, 7-20 |
| 1-1452587-0 | 7-19, 7-20 |
| 1-1452587-1 | 7-19, 7-20 |
| 1452697-1 | 7-19, 7-20 |
| 1452697-2 | 7-19, 7-20 |
| 1452697-3 | 7-19, 7-20 |
| 1452697-4 | 7-19, 7-20 |
| 1452697-5 | 7-19, 7-20 |
| 1452697-6 | 7-19, 7-20 |
| 1452697-7 | 7-19, 7-20 |
| 1452697-8 | 7-19, 7-20 |
| 1452697-9 | 7-19, 7-20 |
| 1-1452697-0 | 7-19, 7-20 |
| 1-1452697-1 | 7-19, 7-20 |
| 1488145-1 | 7-7 |
| 1488146-1 | 7-7 |
| 1488146-2 | 7-7 |
| 1488147-1 | 7-7 |
| 1488147-2 | 7-7 |
| 1488154-1 | 7-5 |
| 1488155-1 | 7-5, 7-23, 7-24, 7-25 |
| 1488155-2 | 7-5, 7-23, 7-24, 7-25 |
| 1488167-1 | 7-8, 7-9, 7-10, 7-11, 7-12, 7-13 |
| 1488168-1 | 7-10 |
| 1488170-1 | 7-10 |
| 1488170-2 | 7-10, 7-13 |
| 1488171-1 | 7-10 |
| 1488171-2 | 7-10 |
| 1488172-1 | 7-8, 7-9 |
| 1488174-1 | 7-8, 7-11 |
| 1488175-1 | 7-8, 7-23, 7-24, 7-25 |
| 1488175-2 | 7-8, 7-23, 7-24, 7-25 |
| 1488269-1 | 7-5, 7-6 |
| 1-1579001-1 | 7-2, 7-5, 7-6, 7-7, 7-8, 7-9, 7-10, 7-11, 7-12, 7-13 |
| 1579003-4 | 7-5, 7-6, 7-7, 7-8, 7-9, 7-10 |
| 1579021-4 | 7-3, 7-4 |
| 1670607-1 | 7-25 |
| 1670607-2 | 7-25 |
| 1670607-3 | 7-25 |
| 1670607-4 | 7-25 |
| 1670607-5 | 7-25 |
| 1670607-6 | 7-25 |
| 1670607-7 | 7-25 |
| 1670607-8 | 7-25 |
| 1670607-9 | 7-25 |
| 1-1670607-1 | 7-25 |
| 1670861-1 | 7-24 |
| 1670861-2 | 7-24 |
| 1670861-3 | 7-24 |
| 1670861-4 | 7-24 |
| 1670861-5 | 7-24 |
| 1670861-6 | 7-24 |
| 1670861-7 | 7-24 |
| 1670861-8 | 7-24 |
| 1670861-9 | 7-24 |
| 1-1670861-1 | 7-24 |
| 1703339-1 | 7-23 |
| 1703339-2 | 7-23 |
| 1703339-3 | 7-23 |
| 1703339-4 | 7-23 |
| 1703339-5 | 7-23 |
| 1703339-6 | 7-23 |
| 1703339-7 | 7-23 |
| 1703339-8 | 7-23 |
| 1703339-9 | 7-23 |
| 1-1703339-1 | 7-23 |
| 1703488-1 | 7-4, 7-11, 7-12, 7-13 |
| 1718080-2 | 7-23, 7-24 |
| 1718252-1 | 7-23 |
| 1719241-1 | 7-3, 7-4 |
| 1719245-1 | 7-3, 7-4 |
| 1719252-1 | 7-3, 7-24 |
| 1719261-1 | 7-21 |
| 1719261-2 | 7-21 |
| 1719261-3 | 7-21 |
| 1719261-4 | 7-21 |
| 1719261-5 | 7-21 |
| 1719261-6 | 7-21 |
| 1719261-7 | 7-21 |
| 1719261-8 | 7-21 |
| 1719261-9 | 7-21 |
| 1-1719261-0 | 7-21 |
| 1-1719261-1 | 7-21 |
| 1-1719261-3 | 7-21 |
| 2-1719261-1 | 7-22 |
| 2-1719261-2 | 7-22 |
| 2-1719261-3 | 7-22 |
| 2-1719261-4 | 7-22 |
| 2-1719261-5 | 7-22 |
| 2-1719261-6 | 7-22 |
| 2-1719261-7 | 7-22 |
| 2-1719261-8 | 7-22 |
| 2-1719261-9 | 7-22 |
| 3-1719261-0 | 7-22 |
| 3-1719261-1 | 7-22 |
| 3-1719261-3 | 7-22 |
| 6-1719261-5 | 7-21 |
| 1719435-1 | 7-2, 7-5, 7-6, 7-7 |
| 1719655-1 | 7-2, 7-23, 7-24 |
| 1719656-1 | 7-2 |
| 1719658-1 | 7-2 |
| 1719685-1 | 7-2, 7-4 |
| 1719791-1 | 7-6, 7-23, 7-24, 7-25 |
| 1719791-2 | 7-6, 7-23, 7-24, 7-25 |
| 1719792-1 | 7-9, 7-23, 7-24, 7-25 |




All specifications subject to change. Consult Tyco Electronics for latest specifications.

## Numerical Index


| Part Number | Page |
|---|---|
| 1719792-2 | 7-9, 7-23, 7-24, 7-25 |
| 1719793-1 | 7-6 |
| 1719794-1 | 7-12 |
| 1924127-1 | 7-35 |
| 1924127-2 | 7-35 |
| 1924127-3 | 7-35 |
| 1924127-4 | 7-35 |
| 1924127-6 | 7-35 |
| 1924127-8 | 7-35 |
| 1-1924127-0 | 7-35 |
| 1924133-1 | 7-36, 7-51 |
| 1924133-2 | 7-36, 7-51 |
| 1924133-3 | 7-36, 7-51 |
| 1924133-4 | 7-36, 7-51 |
| 1924133-6 | 7-36, 7-51 |
| 1924133-8 | 7-36, 7-51 |
| 1-1924133-0 | 7-36, 7-51 |
| 5-1924133-1 | 7-36 |
| 5-1924133-2 | 7-36 |
| 5-1924133-3 | 7-36 |
| 5-1924133-4 | 7-36 |
| 5-1924133-6 | 7-36 |
| 5-1924133-8 | 7-36 |

| Part Number | Page |
|---|---|
| 6-1924133-0 | 7-36 |
| 1924134-1 | 7-36, 7-51 |
| 1924134-2 | 7-36, 7-51 |
| 1924134-3 | 7-36, 7-51 |
| 1924134-4 | 7-36, 7-51 |
| 1924134-5 | 7-51 |
| 1924134-6 | 7-36, 7-51 |
| 1924134-7 | 7-51 |
| 1924134-8 | 7-36, 7-51 |
| 1-1924134-0 | 7-36, 7-51 |
| 5-1924134-1 | 7-51 |
| 5-1924134-2 | 7-51 |
| 5-1924134-3 | 7-51 |
| 5-1924134-4 | 7-51 |
| 5-1924134-5 | 7-51 |
| 5-1924134-6 | 7-51 |
| 5-1924134-7 | 7-51 |
| 5-1924134-8 | 7-51 |
| 6-1924134-0 | 7-51 |
| 1924792-1 | 7-31, 7-35, 7-43 |
| 1924792-2 | 7-31, 7-35, 7-43 |
| 1924792-3 | 7-31, 7-35 |

| Part Number | Page |
|---|---|
| 1924792-3 | 7-43 |
| 1924792-4 | 7-31, 7-35, 7-43 |
| 1924792-5 | 7-43 |
| 1924792-6 | 7-31, 7-35, 7-43 |
| 1924792-7 | 7-43 |
| 1924792-8 | 7-31, 7-35, 7-43 |
| 1-1924792-0 | 7-31, 7-35, 7-43 |
| 5-1924792-1 | 7-43 |
| 5-1924792-2 | 7-43 |
| 5-1924792-3 | 7-43 |
| 5-1924792-4 | 7-43 |
| 5-1924792-5 | 7-43 |
| 5-1924792-6 | 7-43 |
| 5-1924792-7 | 7-43 |
| 5-1924792-8 | 7-43 |
| 6-1924792-0 | 7-43 |
| 2035049-3 | 7-54, 7-59 |
| 1-2035049-3 | 7-54 |
| 2035050-3 | 7-54, 7-59 |
| 1-2035050-3 | 7-59 |

| Part Number | Page |
|---|---|
| 2035141-1 | 7-31, 7-44 |
| 2035141-2 | 7-31, 7-44 |
| 2035141-3 | 7-31, 7-44 |
| 2035141-4 | 7-31, 7-44 |
| 2035141-5 | 7-44 |
| 2035141-6 | 7-31, 7-44 |
| 2035141-7 | 7-44 |
| 2035141-8 | 7-31, 7-44 |
| 1-2035141-0 | 7-44 |
| 1-2035141-4 | 7-31 |
| 2035242-3 | 7-55, 7-60 |
| 1-2035242-3 | 7-55 |
| 2035243-3 | 7-55, 7-60 |
| 1-2035243-3 | 7-60 |
| 1-2098134-0 | 7-56, 7-61 |
| 1-2098135-0 | 7-57, 7-62 |
| 1-2098136-0 | 7-58, 7-63 |
| 6-2098140-0 | 7-56, 7-61 |
| 6-2098141-0 | 7-57, 7-62 |
| 6-2098142-0 | 7-58, 7-63 |


**Disclaimer**

While Tyco Electronics and its affiliates referenced herein have made every reasonable effort to ensure the accuracy of the information contained in this catalog, Tyco Electronics cannot assure that this information is error free. For this reason, Tyco Electronics does not make any representation or offer any guarantee that such information is accurate, correct, reliable or current. Tyco Electronics reserves the right to make any adjustments to the information at any time. Tyco Electronics expressly disclaims any implied warranty regarding the information contained herein, including, but not limited to, the implied warranties of merchantability or fitness for a particular purpose. Tyco Electronics' only obligations are those stated in Tyco Electronics' Standard Terms and Conditions of Sale. Tyco Electronics will in no case be liable for any incidental, indirect or consequential damages arising from or in connection with, including, but not limited to, the sale, resale, use or misuse of its products. Users should rely on their own judgment to evaluate the suitability of a product for a certain purpose and test each product for its intended application.

In case of any potential ambiguities or questions, please don't hesitate to contact us for clarification.

www.tycoelectronics.com
www.tycoelectronics.com/automotive
AMP, TE (Logo) and Tyco Electronics are trademarks of the Tyco Electronics group of companies and its licensors.

MOST and USCAR are trademarks. Other product names, logos, and company names mentioned herein may be trademarks of their respective owners.

## Engineering Notes



All specifications subject to change. Consult Tyco Electronics for latest specifications.