

## Printed-circuit board connector - MCV 1,5/10-GF-3,5 P14 THR - 1780095

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 10, Pitch: 3.5 mm, Color: black, Contact surface: Tin, Assembly: SMD/THT/THR, User information and design recommendations for through hole reflow technology can be found under "Downloads"



### Product Features

- ✓ Pitch: 3.5 and 3.81 mm
- ✓ Plug-in direction vertical to the PCB
- ✓ Low-profile THR headers with compact pitches
- ✓ Delivery form: box packaging, in bulk for small series
- ✓ Use in SMT reflow processes



### Key commercial data

|                        |          |
|------------------------|----------|
| Packing unit           | 1 pc     |
| Minimum order quantity | 50 pc    |
| Custom tariff number   | 85366990 |
| Country of origin      | Germany  |

### Technical data

#### Dimensions

|                |              |
|----------------|--------------|
| Length         | 6.9 mm       |
| Pitch          | 3.5 mm       |
| Dimension a    | 31.5 mm      |
| Pin dimensions | 0,8 x 0,8 mm |
| Hole diameter  | 1.4 mm       |

#### General

|                             |                    |
|-----------------------------|--------------------|
| Range of articles           | MCV 1,5/...-GF-THR |
| Insulating material group   | IIIa               |
| Rated surge voltage (III/3) | 2.5 kV             |

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### Technical data

#### General

|                                         |        |
|-----------------------------------------|--------|
| Rated surge voltage (III/2)             | 2.5 kV |
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| Rated voltage (III/3)                   | 160 V  |
| Rated voltage (III/2)                   | 160 V  |
| Rated voltage (II/2)                    | 250 V  |
| Connection in acc. with standard        | EN-VDE |
| Nominal current I <sub>N</sub>          | 8 A    |
| Maximum load current                    | 8 A    |
| Insulating material                     | LCP    |
| Inflammability class according to UL 94 | V0     |
| Color                                   | black  |
| Number of positions                     | 10     |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260704 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27440402 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002637 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211810 |
| UNSPSC 7.0901 | 39121409 |
| UNSPSC 11     | 39121409 |
| UNSPSC 12.01  | 39121409 |
| UNSPSC 13.2   | 39121409 |

### Approvals

#### Approvals

## Printed-circuit board connector - MCV 1,5/10-GF-3,5 P14 THR - 1780095

### Approvals

Approvals

UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized

Ex Approvals

Approvals submitted

### Approval details

|                                                                                                 |       |       |
|-------------------------------------------------------------------------------------------------|-------|-------|
| UL Recognized  |       |       |
|                                                                                                 | B     | D     |
| Nominal current I <sub>N</sub>                                                                  | 8 A   | 8 A   |
| Nominal voltage U <sub>N</sub>                                                                  | 300 V | 300 V |

|                                                                                                    |       |       |
|----------------------------------------------------------------------------------------------------|-------|-------|
| cUL Recognized  |       |       |
|                                                                                                    | B     | D     |
| Nominal current I <sub>N</sub>                                                                     | 8 A   | 8 A   |
| Nominal voltage U <sub>N</sub>                                                                     | 300 V | 300 V |

|                                                                                          |  |  |
|------------------------------------------------------------------------------------------|--|--|
| GOST  |  |  |
|------------------------------------------------------------------------------------------|--|--|

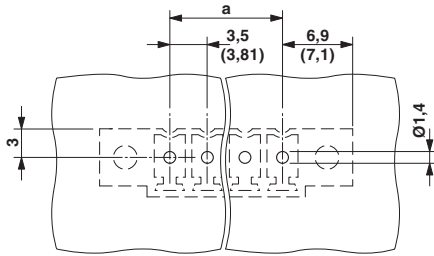
|                                                                                          |  |  |
|------------------------------------------------------------------------------------------|--|--|
| GOST  |  |  |
|------------------------------------------------------------------------------------------|--|--|

|                                                                                                      |  |  |
|------------------------------------------------------------------------------------------------------|--|--|
| cULus Recognized  |  |  |
|------------------------------------------------------------------------------------------------------|--|--|

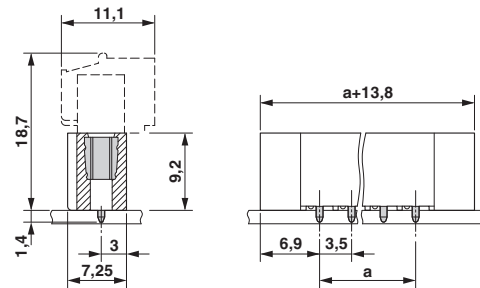
### Drawings

## Printed-circuit board connector - MCV 1,5/10-GF-3,5 P14 THR - 1780095

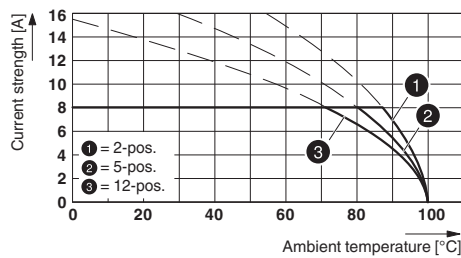
Drilling diagram



Dimensioned drawing



Diagram



Type: MC 1,5/...-ST(F)-3,5 with MCV 1,5/...-G(F)-3,5 P... THR