

## Printed-circuit board connector - MCV 1,5/ 9-G-3,5 P14 THRR56 - 1780341

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 3.5 mm, Color: black, Contact surface: Tin, Assembly: Taped SMD/THT/THR components, User information and design recommendations for through hole reflow technology can be found under "Downloads"

The figure shows a 10-position version of the product

### Product Features

- Pitch: 3.5 and 3.81 mm
- Plug-in direction vertical to the PCB
- Low-profile THR headers with compact pitches
- Use in SMT reflow processes



### Key commercial data

|                        |          |
|------------------------|----------|
| Packing unit           | 1 pc     |
| Minimum order quantity | 200 pc   |
| Custom tariff number   | 85366990 |
| Country of origin      | Germany  |

### Technical data

#### Dimensions

|                |              |
|----------------|--------------|
| Length         | 6.9 mm       |
| Pitch          | 3.5 mm       |
| Dimension a    | 28 mm        |
| Pin dimensions | 0,8 x 0,8 mm |
| Hole diameter  | 1.4 mm       |

#### General

|                             |                  |
|-----------------------------|------------------|
| Range of articles           | MCV 1,5/..-G-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 |
| Rated surge voltage (II/2)              | 2.5 kV |
| 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                     | 9      |

## 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

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## Approvals

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Approvals

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

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Ex Approvals

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Approvals submitted

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## Approval details

|                    |       |       |
|--------------------|-------|-------|
| UL Recognized      |       |       |
|                    | B     | D     |
| Nominal current IN | 8 A   | 8 A   |
| Nominal voltage UN | 300 V | 300 V |

|                    |       |       |
|--------------------|-------|-------|
| cUL Recognized     |       |       |
|                    | B     | D     |
| Nominal current IN | 8 A   | 8 A   |
| Nominal voltage UN | 300 V | 300 V |

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

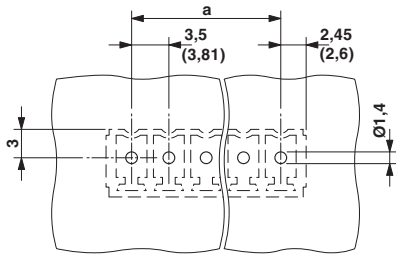
|      |  |  |
|------|--|--|
| GOST |  |  |
|------|--|--|

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

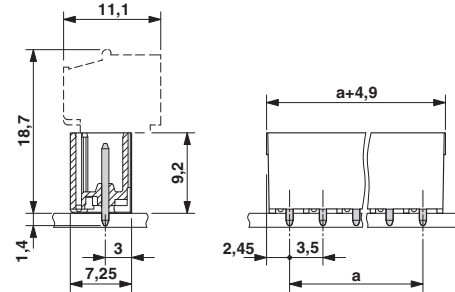
## Drawings

# Printed-circuit board connector - MCV 1,5/ 9-G-3,5 P14 THRR56 - 1780341

Drilling diagram



Dimensioned drawing



Diagram

