

# Printed-circuit board connector - MC 1,5/ 3-GF-3,81 P14 THRR56 - 1782145

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 3.81 mm, Color: black, Contact surface: Tin, Mounting: SMD/THT/THR

The illustration shows the 10-position version

## Why buy this product

- ✓ Pitch: 3.81 mm
- ✓ Low-profile THR headers with a compact pitch
- ✓ Plug-in direction parallel to the PCB
- ✓ Delivery form: tape-on-reel packing according to IEC 60286-3 for automated mounting
- ✓ Use in SMT reflow processes



## Key commercial data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 470 pc  |
| Minimum order quantity               | 470 pc  |
| GTIN                                 | <br>4 046356 550390 |
| Weight per Piece (excluding packing) | 2.44 g  |
| Custom tariff number                 | 85366990  |
| Country of origin                    | Germany   |
| Note                                 | Made to Order (non-returnable)  |

## Technical data

### Dimensions

|                |              |
|----------------|--------------|
| Length         | 9.2 mm       |
| Pitch          | 3.81 mm      |
| Dimension a    | 7.2 mm       |
| Pin dimensions | 0,8 x 0,8 mm |
| Hole diameter  | 1.4 mm       |

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## Technical data

### General

|   |                  |
|---|------------------|
| Range of articles                       | MC 1,5/...GF-THR |
| Insulating material group               | IIIa             |
| Rated surge voltage (III/3)             | 2.5 kV           |
| 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              |
| Insulating material                     | LCP              |
| Inflammability class according to UL 94 | V0               |
| Color                                   | black            |
| Number of positions                     | 3                |

## 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

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## Approvals

### Approvals

UL Recognized / cUL Recognized / VDE Gutachten mit Fertigungsüberwachung / EAC / 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 |

|   |       |
|---|-------|
| VDE Gutachten mit Fertigungsüberwachung |       |
| Nominal current I <sub>N</sub>          | 8 A   |
| Nominal voltage U <sub>N</sub>          | 160 V |

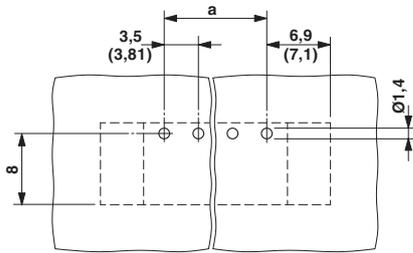
EAC

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

## Drawings

# Printed-circuit board connector - MC 1,5/ 3-GF-3,81 P14 THRR56 - 1782145

Drilling diagram



Dimensioned drawing

