

# Printed-circuit board connector - MC 1,5/ 6-GF-3,81 P20 THRR56 - 1782064


Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Color: black, Contact surface: Tin, Mounting: SMD/THT/THR



## Key commercial data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 470 pc  |
| Minimum order quantity               | 470 pc  |
| GTIN                                 | <br>4 046356 550642 |
| Weight per Piece (excluding packing) | 1.73 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    | 19.05 mm     |
| Pin dimensions | 0,8 x 0,8 mm |
| Hole diameter  | 1.4 mm       |

### 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            |

# Printed-circuit board connector - MC 1,5/ 6-GF-3,81 P20 THRR56 - 1782064

## Technical data

### General

|   |        |
|---|--------|
| Rated voltage (U <sub>I/2</sub> )       | 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                     | 6      |

## 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

---

#### Approvals

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

---

#### Ex Approvals

---

# Printed-circuit board connector - MC 1,5/ 6-GF-3,81 P20 THRR56 - 1782064

## 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/ 6-GF-3,81 P20 THRR56 - 1782064

Drilling diagram



Dimensioned drawing

