

## Printed-circuit board connector - MC 1,5/ 5-G-3,81 P26 THR - 1722011

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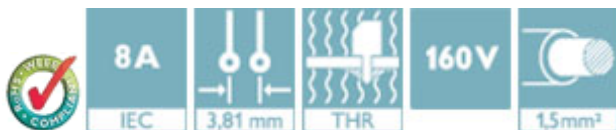
Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: black, Contact surface: Tin, Mounting: THR soldering



The figure shows a 10-position version of the product

### Why buy this product

- Plug-in direction parallel to the PCB
- Pitch: 3.81 mm
- Low-profile THR headers with a compact pitch
- Use in SMT reflow processes



### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 50 pc                                                                                                   |
| Minimum order quantity               | 50 pc                                                                                                   |
| GTIN                                 | <br>4 046356 116930 |
| Weight per Piece (excluding packing) | 1.52 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              | 15.24 mm |
| Width                    | 20.44 mm |
| Constructional height    | 6.9 mm   |
| Height                   | 9.5 mm   |
| Length of the solder pin | 2.6 mm   |

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## Technical data

### Dimensions

|                |                 |
|----------------|-----------------|
| Pin dimensions | 0,8 mm x 0,8 mm |
| Hole diameter  | 1.4 mm          |

### General

|                                        |                  |
|----------------------------------------|------------------|
| Range of articles                      | MC 1,5/...-G-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              |
| Flammability rating according to UL 94 | V0               |
| Color                                  | black            |
| Number of positions                    | 5                |

### Standards and Regulations

|                                        |        |
|----------------------------------------|--------|
| Connection in acc. with standard       | EN-VDE |
|                                        | CUL    |
| Flammability rating according to UL 94 | V0     |

## 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 |
| eCl@ss 9.0 | 27440402 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002637 |

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## Classifications

### UNSPSC

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

## Approvals

### Approvals

#### Approvals

VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized / IECCEB Scheme

#### Ex Approvals

#### Approvals submitted

## Approval details

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

|     |
|-----|
| EAC |
|-----|

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

|                                                                                                   |     |
|---------------------------------------------------------------------------------------------------|-----|
| IECCEB Scheme  |     |
| Nominal current I <sub>N</sub>                                                                    | 8 A |

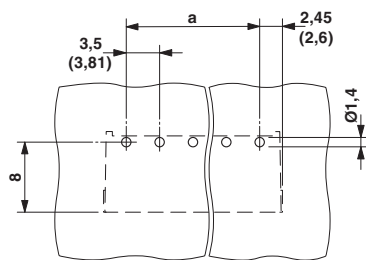
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## Approvals

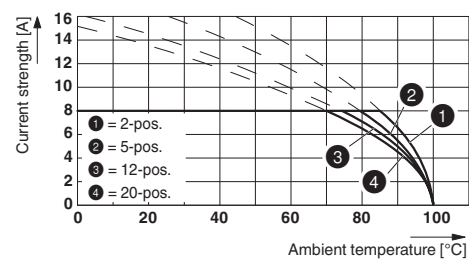
|                    |       |
|--------------------|-------|
| Nominal voltage UN | 160 V |
|--------------------|-------|

## Drawings

Drilling diagram



Diagram



Type: FK-MCP 1,5/...-ST(F)-3,81 with MC 1,5/...-G(F)-3,81 P.. THR(R...)

Dimensional drawing

