

Printed-circuit board connector - MC 1,5/ 2-GF-3,81 P14 THR - 1781803

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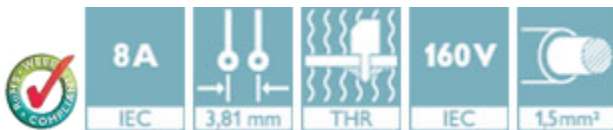
Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.81 mm, Color: black, Contact surface: Tin, Mounting: THR soldering



The figure shows a 10-position version of the product

Product Features

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



Key Commercial Data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Minimum order quantity | 100 pc |
| Weight per Piece (excluding packing) | 1.8 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|--------------------------|--------------|
| Length | 9.2 mm |
| Pitch | 3.81 mm |
| Dimension a | 3.81 mm |
| Constructional height | 6.9 mm |
| Length of the solder pin | 1.4 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 _N | 8 A |
| Maximum load current | 8 A |
| Insulating material | LCP |
| Flammability rating according to UL 94 | V0 |
| Color | black |
| Number of positions | 2 |

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 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 / IECEE CB Scheme / EAC

Ex Approvals

Approvals submitted

Approval details

| | |
|---|-------|
| VDE Gutachten mit Fertigungsüberwachung  | |
| Nominal current I _N | 8 A |
| Nominal voltage U _N | 160 V |

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

| | | |
|--------------------------------|-------|-------|
| cULus Recognized | | |
| | B | D |
| Nominal current I _N | 8 A | 8 A |
| Nominal voltage U _N | 300 V | 300 V |

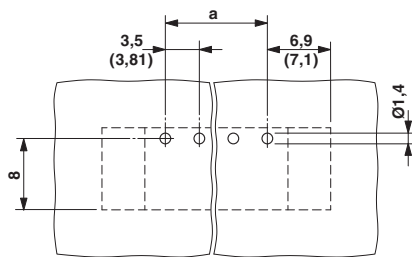
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Approvals

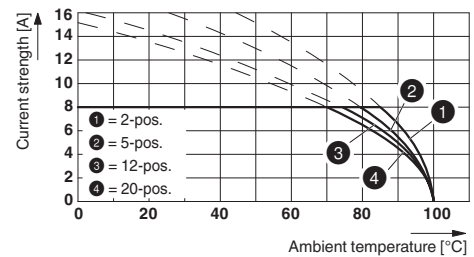
| | |
|--------------------------------|-------|
| IECEE CB Scheme | |
| Nominal current I _N | 8 A |
| Nominal voltage U _N | 160 V |
| EAC | |

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

