



Automatización Eléctrica
Especialistas en Automatización

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Printed-circuit board connector - MC 0,5/ 8-G-2,5 THT - 1939303

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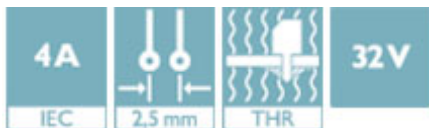
Header, Nominal current: 4 A, Rated voltage (III/2): 160 V, Number of positions: 8, Pitch: 2.5 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"



The figure shows a 10-position version of the product

Why buy this product

- Alternative pin lengths of 1.4 mm or 2.6 mm available on request
- Low-profile THR pin strips with a compact MICRO pitch of 2.5 mm
- Reel diameter: 330 mm, tape width: 44 mm
- Delivery form: box packaging, in bulk for small series
- Delivery form: tape-on-reel packing according to IEC 60286-3 for automated mounting
- Use in SMT reflow processes



Key Commercial Data

| | |
|------------------------|---------------------|
| Packing unit | 50 STK |
| Minimum order quantity | 50 STK |
| GTIN | 4 017918 852566 |

Technical data

Dimensions

| | |
|--------------------------|--------------|
| Length | 10.1 mm |
| Pitch | 2.50 mm |
| Dimension a | 17.5 mm |
| Constructional height | 9 mm |
| Height | 8.1 mm |
| Length of the solder pin | 3.8 mm |
| Pin dimensions | 0,8 x 0,8 mm |
| Pin spacing | 2.50 mm |
| Hole diameter | 1.4 mm |

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Technical data

General

| | |
|--|-----------------|
| Range of articles | MC 0,5/...G-THT |
| Insulating material group | IIIa |
| Rated surge voltage (III/3) | 1.5 kV |
| Rated surge voltage (III/2) | 2.5 kV |
| Rated surge voltage (II/2) | 2.5 kV |
| Rated voltage (III/3) | 32 V |
| Rated voltage (III/2) | 160 V |
| Rated voltage (II/2) | 160 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I _N | 4 A |
| Maximum load current | 4 A |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Color | black |
| Number of positions | 8 |

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 |

UNSPSC

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

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Classifications

UNSPSC

| | |
|--------------|----------|
| UNSPSC 12.01 | 39121409 |
| UNSPSC 13.2 | 39121409 |

Approvals

Approvals

Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCE CB Scheme / CCA / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| | |
|--------------------|-------|
| UL Recognized | |
| | B |
| Nominal current IN | 4 A |
| Nominal voltage UN | 125 V |

| | |
|---|------|
| VDE Gutachten mit Fertigungsüberwachung | |
| | |
| Nominal current IN | 4 A |
| Nominal voltage UN | 32 V |

| | |
|--------------------|-------|
| cUL Recognized | |
| | B |
| Nominal current IN | 4 A |
| Nominal voltage UN | 125 V |

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Approvals

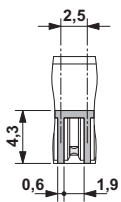
| | |
|-----------------------|------|
| IECEE CB Scheme | |
| Nominal current I_N | 4 A |
| Nominal voltage U_N | 32 V |

| | |
|-----------------------|------|
| CCA | |
| Nominal current I_N | 4 A |
| Nominal voltage U_N | 32 V |

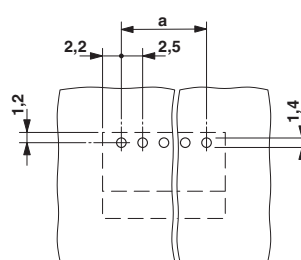
| | |
|------------------|--|
| cULus Recognized | |
|------------------|--|

Drawings

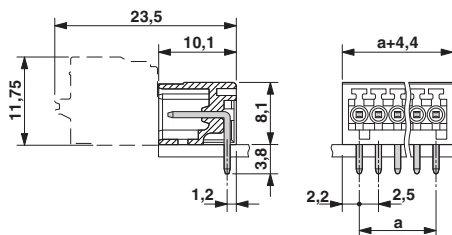
Dimensional drawing



Drilling diagram



Dimensional drawing



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| Product | Code | Reference | Product link |
|---|-------------|---------------------|----------------------------|
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