

Printed-circuit board connector - MSTB 2,5 HC/ 3-GF - 1923982

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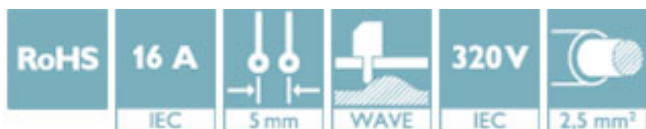
PCB headers, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering




The figure shows a 10-position version of the product

Why buy this product

- Well-known mounting principle allows worldwide use
- Screwable flange for superior mechanical stability
- Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 50 STK |
| GTIN |  4 017918 600174 |
| GTIN | 4017918600174 |

Technical data

Dimensions

| | |
|--------------------------|----------|
| Length [l] | 12 mm |
| Pitch | 5 mm |
| Dimension a | 10 mm |
| Width [w] | 25 mm |
| Constructional height | 8.6 mm |
| Height [h] | 12.1 mm |
| Length of the solder pin | 3.5 mm |
| Pin dimensions | 1 x 1 mm |
| Pin spacing | 5.00 mm |
| Hole diameter | 1.4 mm |

General

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Technical data

General

| | |
|--|---------------------------|
| Range of articles | MSTB 2,5 HC/...-GF |
| Insulating material group | I |
| Rated surge voltage (III/3) | 4 kV |
| Rated surge voltage (III/2) | 4 kV |
| Rated surge voltage (II/2) | 4 kV |
| Rated voltage (III/3) | 250 V |
| Rated voltage (III/2) | 320 V |
| Rated voltage (II/2) | 400 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 16 A (see derating curve) |
| Maximum load current | 16 A |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Color | green |
| Number of positions | 3 |

Standards and Regulations

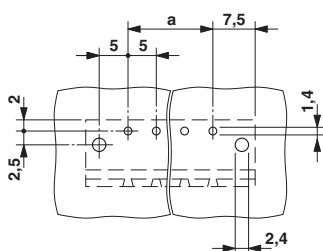
| | |
|--|--------|
| Connection in acc. with standard | EN-VDE |
| | CUL |
| Flammability rating according to UL 94 | V0 |

Environmental Product Compliance

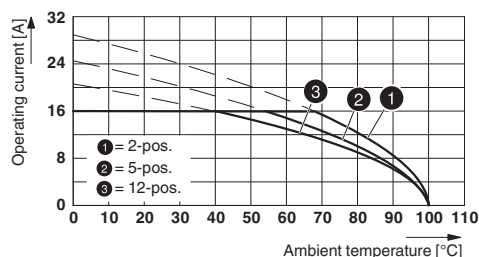
| | |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings

Drilling diagram



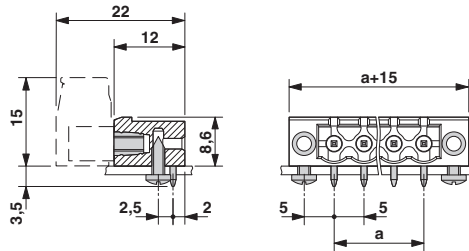
Diagram



Type: FK 2,5 HC/...-STF with MSTB 2,5 HC/...-GF

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Dimensional drawing



Approvals

Approvals

Approvals

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

Ex Approvals

Approval details


| | | | |
|---|--|---|----------|
| VDE Gutachten mit Fertigungsüberwachung | | http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx | 40004701 |
| Nominal current IN | | 16 A | |
| Nominal voltage UN | | 250 V | |

| | | | |
|--------------------|--|---|----------------|
| IECEE CB Scheme | | http://www.iecee.org/ | DE1-58978-B1B2 |
| Nominal current IN | | 16 A | |
| Nominal voltage UN | | 250 V | |

| | | |
|-----|--|---------|
| EAC | | B.01742 |
|-----|--|---------|

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Approvals

| | | | |
|--------------------------------|---|---|-----------------|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-19931011 |
| | B | D | |
| Nominal current I _N | 16 A | 10 A | |
| Nominal voltage U _N | 300 V | 300 V | |

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