

# 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         | <br>4 017918 600174 |
| GTIN         | 4017918600174   |

## Technical data

### Dimensions

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

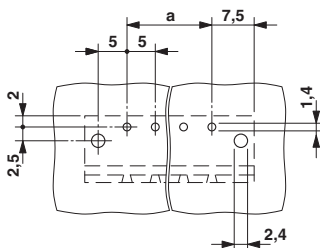
|  |        |
|--|--------|
| Connection in acc. with standard       | EN-VDE |
|  | CUL    |
| Flammability rating according to UL 94 | V0     |

### Environmental Product Compliance

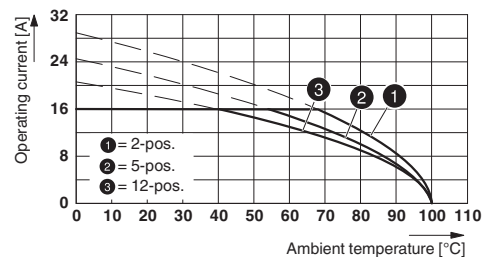
|            |   |
|------------|---|
| REACH SVHC | Lead 7439-92-1  |
| China RoHS | Environmentally Friendly Use Period = 50  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Drawings

Drilling diagram



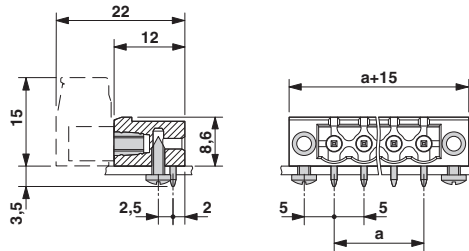
Diagram



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

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Dimensional drawing



## Approvals

### Approvals

#### Approvals

VDE Gutachten mit Fertigungsüberwachung / IEC60320 CB Scheme / EAC / cULus Recognized

#### Ex Approvals

### Approval details


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

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

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

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### Approvals

|                    |   |   |                 |
|--------------------|---|---|-----------------|
| cULus Recognized   |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | E60425-19931011 |
|                    | D   | B   |                 |
| Nominal voltage UN | 300 V   | 300 V   |                 |
| Nominal current IN | 10 A  | 16 A  |                 |

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