

# Feed-through header - MSTBA 2,5/ 5-G-5,08 AU - 1748222

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PCB headers, nominal current: 12 A, number of positions: 5, pitch: 5.08 mm, color: green, contact surface: Gold, mounting: Wave soldering, Gold-plated contact surface / color: Green RAL 6021



The figure shows the 10-position version

## Your advantages

- ✓ Gold-plated contacts ensure transfer quality remains stable over the long term
- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Well-known mounting principle allows worldwide use
- ✓ Plug-in direction parallel to the PCB
- ✓ Closed contour for optimum stability of the plug-in connection



## Key Commercial Data

|              |               |
|--------------|---------------|
| Packing unit | 50 pc         |
| GTIN         |               |
| GTIN         | 4017918259136 |

## Technical data

### Dimensions

|                          |          |
|--------------------------|----------|
| Length [ l ]             | 12 mm    |
| Width                    | 27.4 mm  |
| Pitch                    | 5.08 mm  |
| Dimension a              | 20.32 mm |
| Width [ w ]              | 27.4 mm  |
| Height [ h ]             | 12.5 mm  |
| Height                   | 9 mm     |
| Length of the solder pin | 3.5 mm   |
| Pin dimensions           | 1 x 1 mm |
| Length                   | 12 mm    |

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### Technical data

#### General

|  |                |
|--|----------------|
| Range of articles                      | MSTBA 2,5/..-G |
| Insulating material group              | IIIa           |
| 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 $I_N$                  | 12 A           |
| Maximum load current                   | 12 A           |
| Insulating material                    | PBT            |
| Flammability rating according to UL 94 | V0             |
| Color                                  | green          |
| Number of positions                    | 5              |

#### Standards and Regulations

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

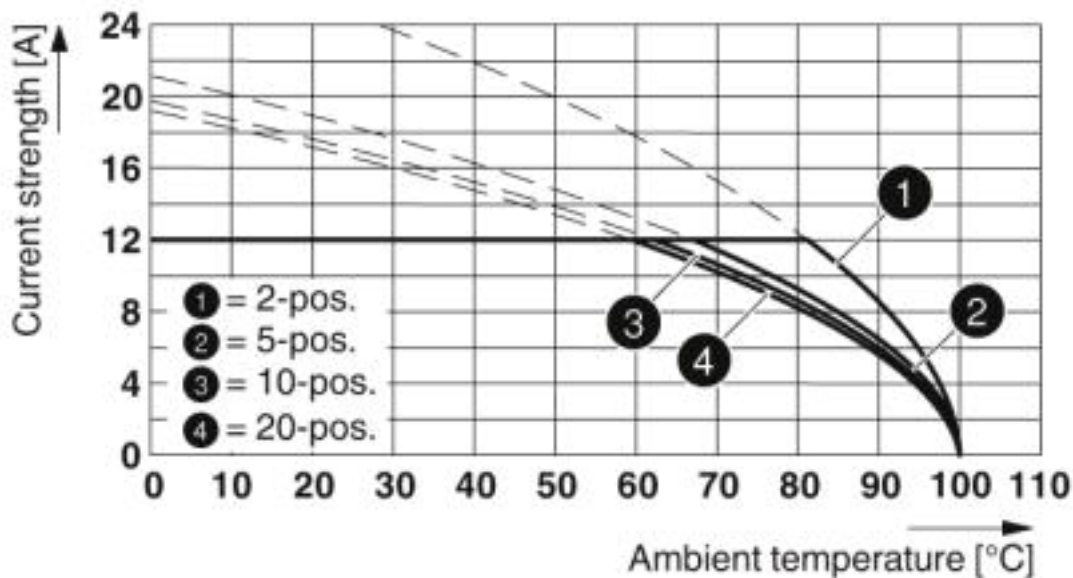
#### Environmental Product Compliance

|            |   |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

### Drawings

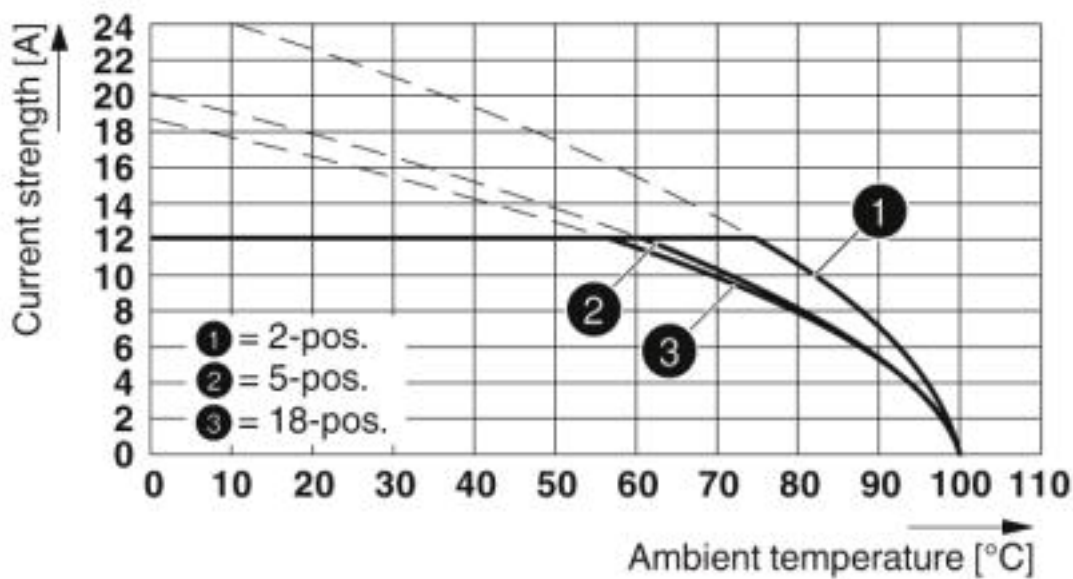
# Feed-through header - MSTBA 2,5/ 5-G-5,08 AU - 1748222

Diagram



Type: MSTBP 2,5/...-ST-5,08 AU with MSTBA 2,5/...-G-5,08 AU

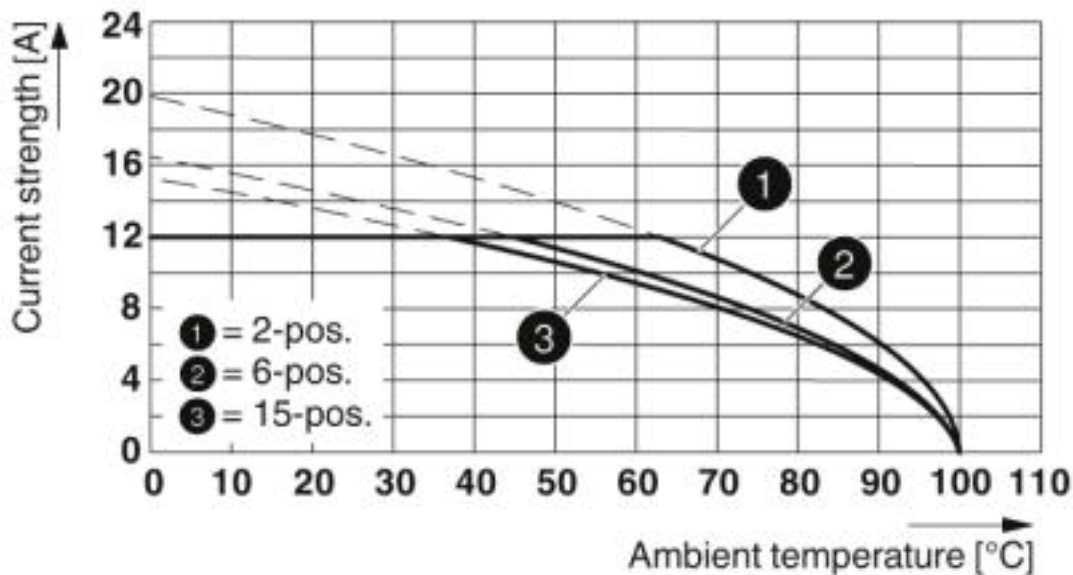
Diagram



Type: MSTB 2,5/...-ST-5,08 AU with MSTBA 2,5/...-G-5,08 AU

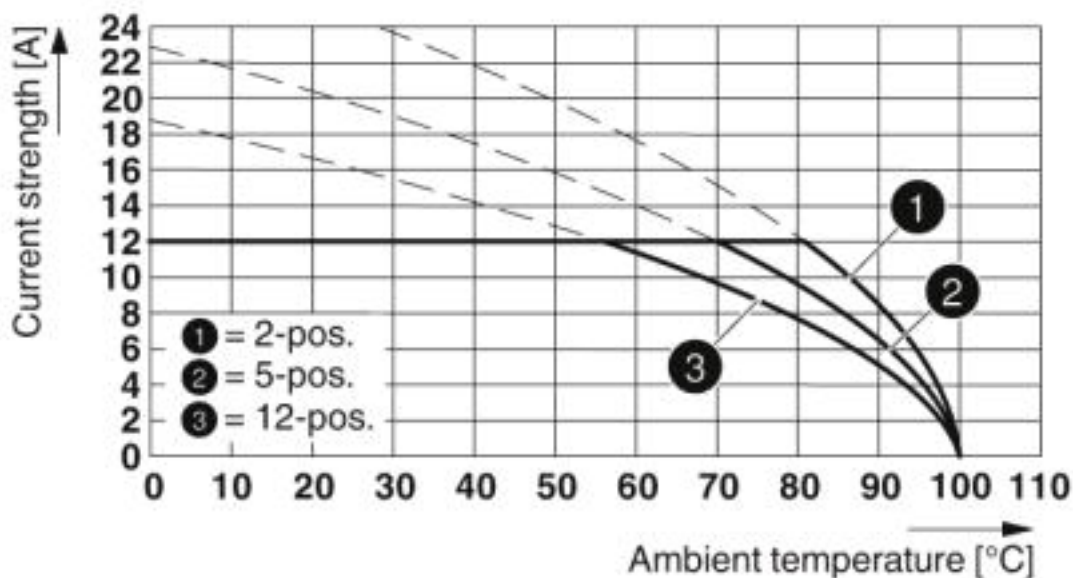
# Feed-through header - MSTBA 2,5/ 5-G-5,08 AU - 1748222

Diagram



Type: MVSTBR 2,5/...-ST-5,08 AU with MSTBA 2,5/...-G-5,08 AU

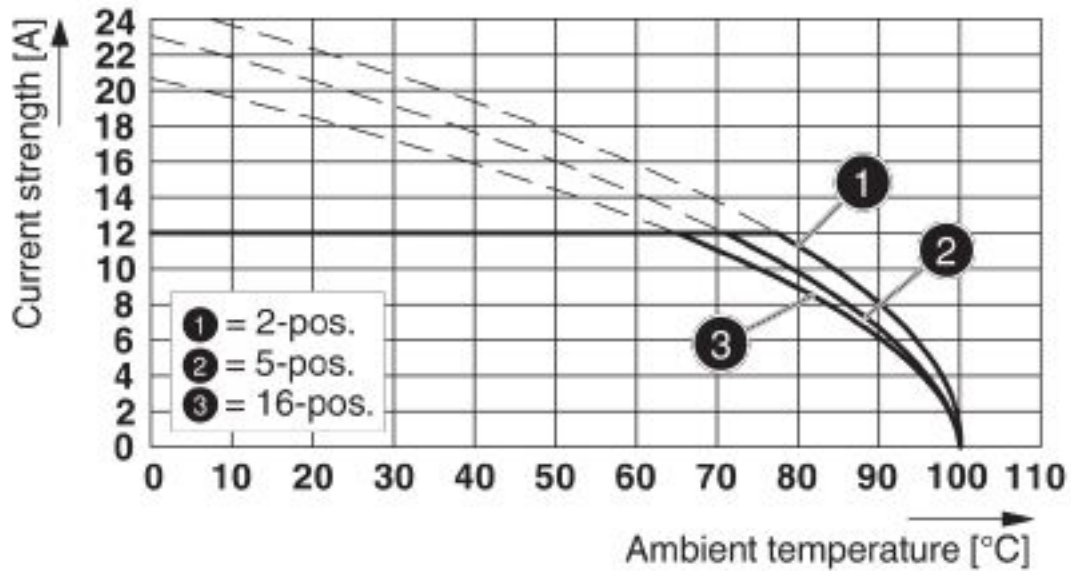
Diagram



Type: TMSTBP 2,5/...-ST-5,08 AU with MSTBA 2,5/...-G-5,08 AU

# Feed-through header - MSTBA 2,5/ 5-G-5,08 AU - 1748222

Diagram



Type: FKC 2,5/...-ST-5,08 AU with MSTBA 2,5/...-G-5,08 AU

## Approvals

Approvals

Approvals

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

Ex Approvals

## Approval details

|                    |       |   |                |
|--------------------|-------|---|----------------|
| IECEE CB Scheme    |       | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-60988-B1B2 |
| Nominal voltage UN | 250 V |   |                |
| Nominal current IN | 12 A  |   |                |


|   |       |   |          |
|---|-------|---|----------|
| 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 |   |          |

## Feed-through header - MSTBA 2,5/ 5-G-5,08 AU - 1748222

### Approvals

|                    |      |
|--------------------|------|
| Nominal current IN | 12 A |
|--------------------|------|

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

|                    |   |   |                 |
|--------------------|---|---|-----------------|
| 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 |
|                    | B   | D   |                 |
| Nominal voltage UN | 300 V   | 300 V   |                 |
| Nominal current IN | 15 A  | 10 A  |                 |

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