

Printed-circuit board connector - MDSTBV 2,5/ 6-G-5,08 - 1845523

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PCB headers, nominal current: 10 A, number of positions: 6, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering, Can be aligned! Mounting flange: Order No. 1836477, 1836480. In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

The figure shows a 10-pos. version with 20 contacts

Your advantages

- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Easy PCB replacement thanks to plug-in modules
- ✓ Well-known mounting principle allows worldwide use
- ✓ Conductor connection on several levels enables higher contact density
- ✓ Vertical connection enables multi-row arrangement on the PCB



Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 50 pc |
| GTIN | |
| GTIN | 4017918184681 |

Technical data

Dimensions

| | |
|--------------------------|----------|
| Length [l] | 28.5 mm |
| Width | 33.02 mm |
| Pitch | 5.08 mm |
| Dimension a | 25.4 mm |
| Width [w] | 33.02 mm |
| Height [h] | 25.6 mm |
| Height | 22.1 mm |
| Length of the solder pin | 3.5 mm |
| Pin dimensions | 1 x 1 mm |
| Pin spacing | 15.24 mm |

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Technical data

Dimensions

| | |
|--------|---------|
| Length | 28.5 mm |
|--------|---------|

General

| | |
|----------------------------------|------------------|
| Range of articles | MDSTBV 2,5/...-G |
| Insulating material group | III |
| 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 | 10 A |
| Maximum load current | 10 A |
| Insulating material | PBT |
| Color | green |
| Number of positions | 6 |

Standards and Regulations

| | |
|----------------------------------|--------|
| Connection in acc. with standard | EN-VDE |
| | CSA |

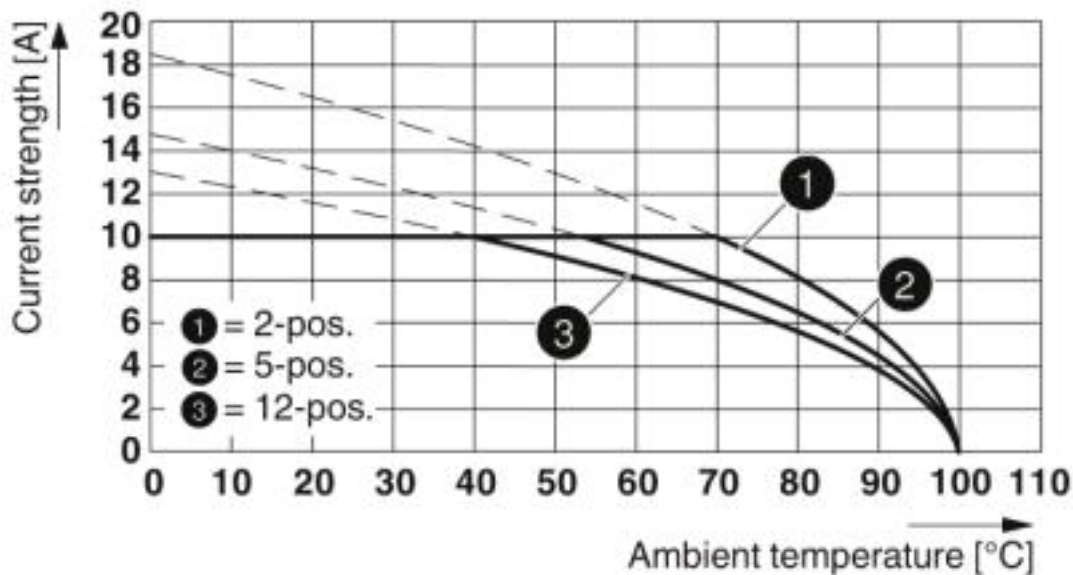
Environmental Product Compliance

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

Drawings

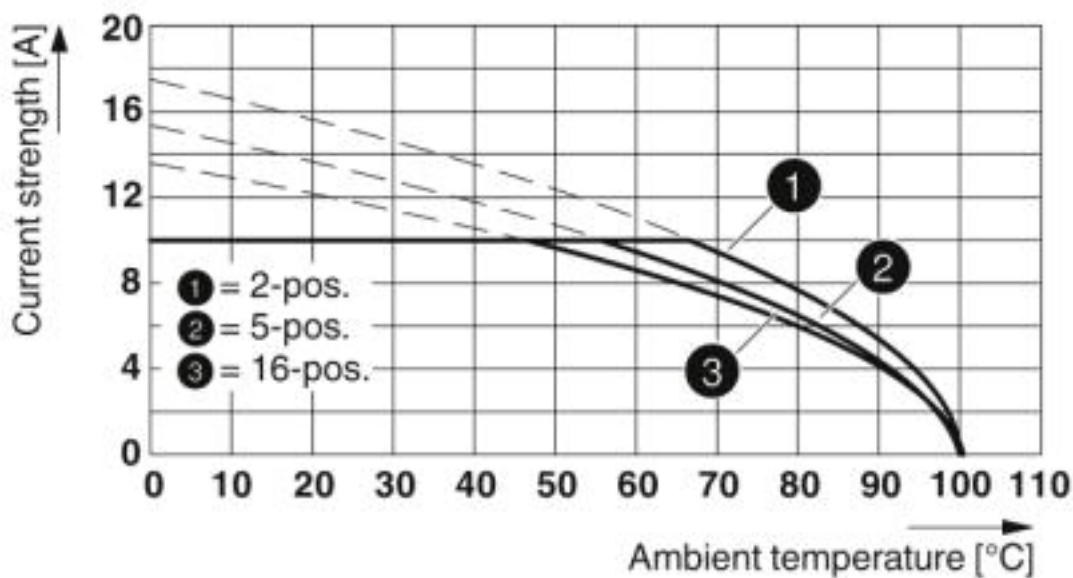
Printed-circuit board connector - MDSTBV 2,5/ 6-G-5,08 - 1845523

Diagram



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

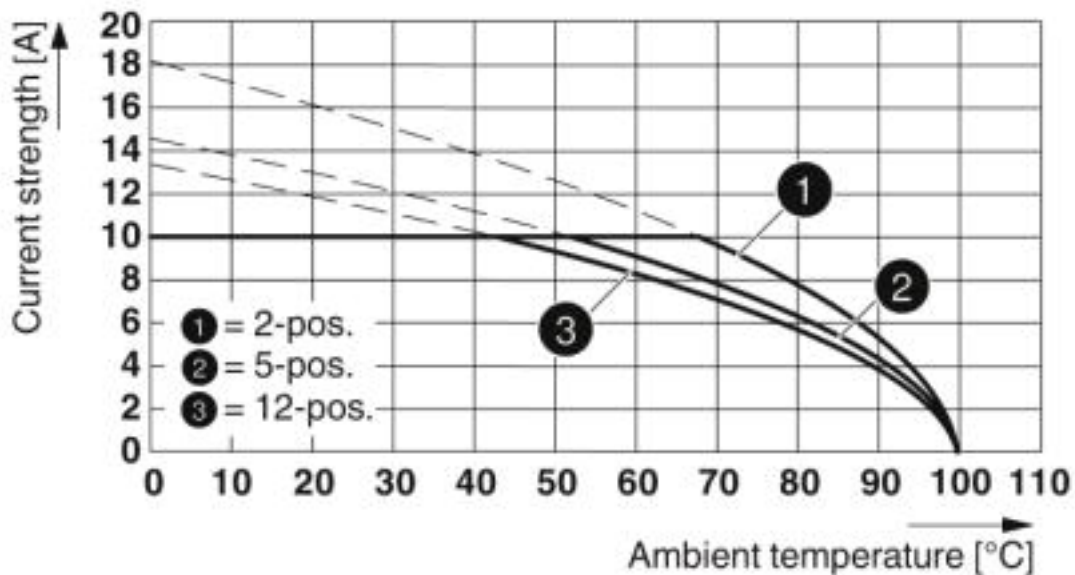
Diagram



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

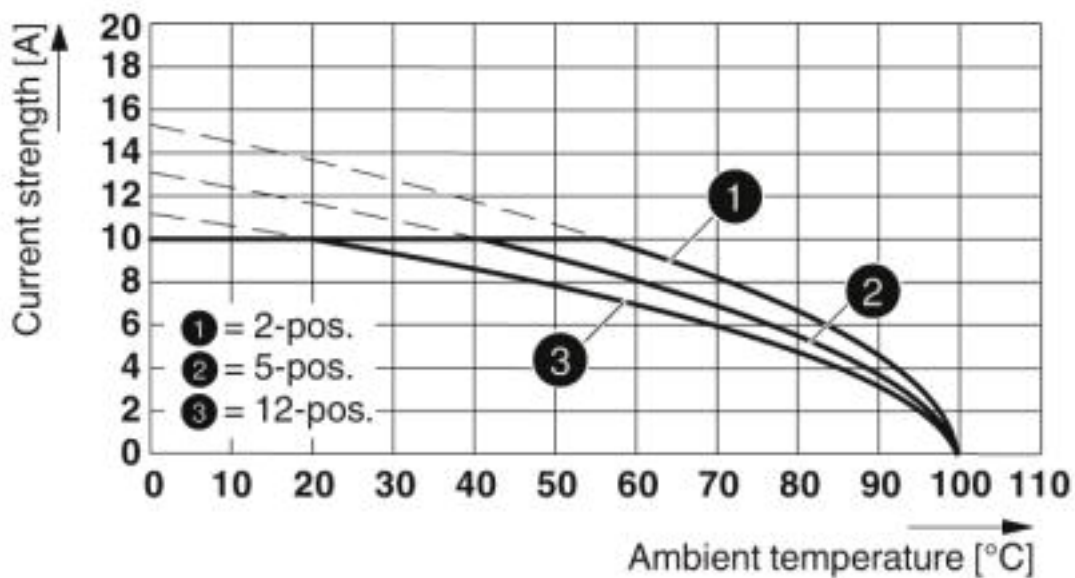
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Diagram



Type: MSTBT 2,5/...-ST-5,08 with MDSTBV 2,5/...-G-5,08

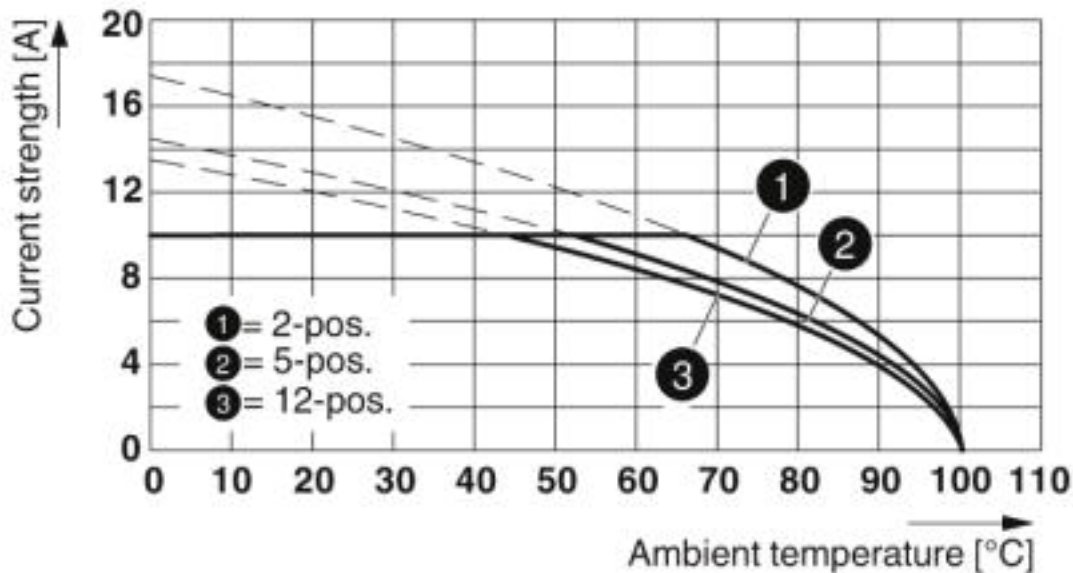
Diagram



Type: MVSTB(R/W) 2,5/...-ST with MDSTBV 2,5/...-G-5,08

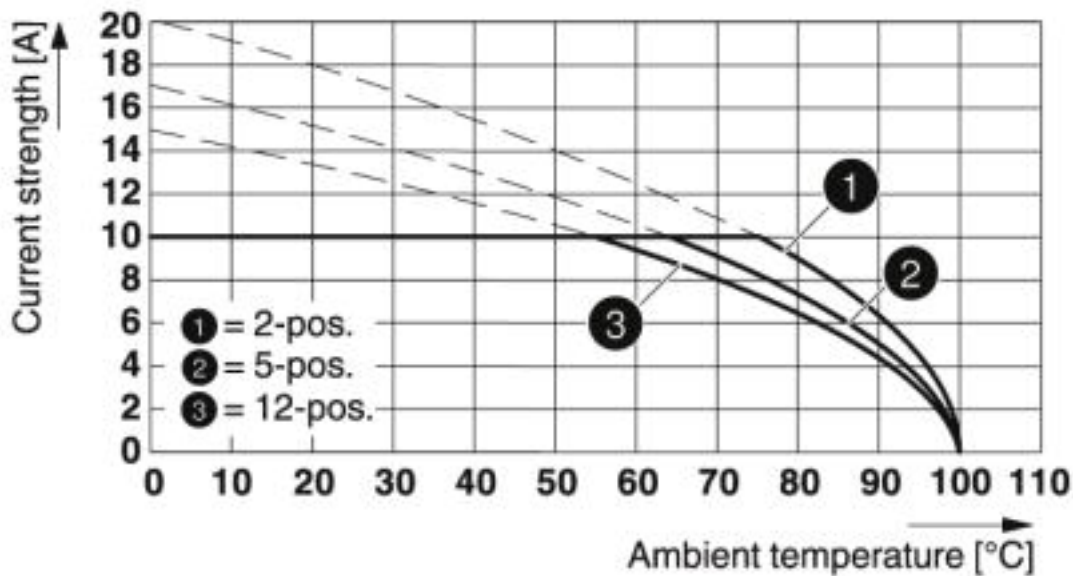
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Diagram



Type: FRONT-MSTB 2,5/...-ST-5,08 with MDSTBV 2,5/...-G-5,08

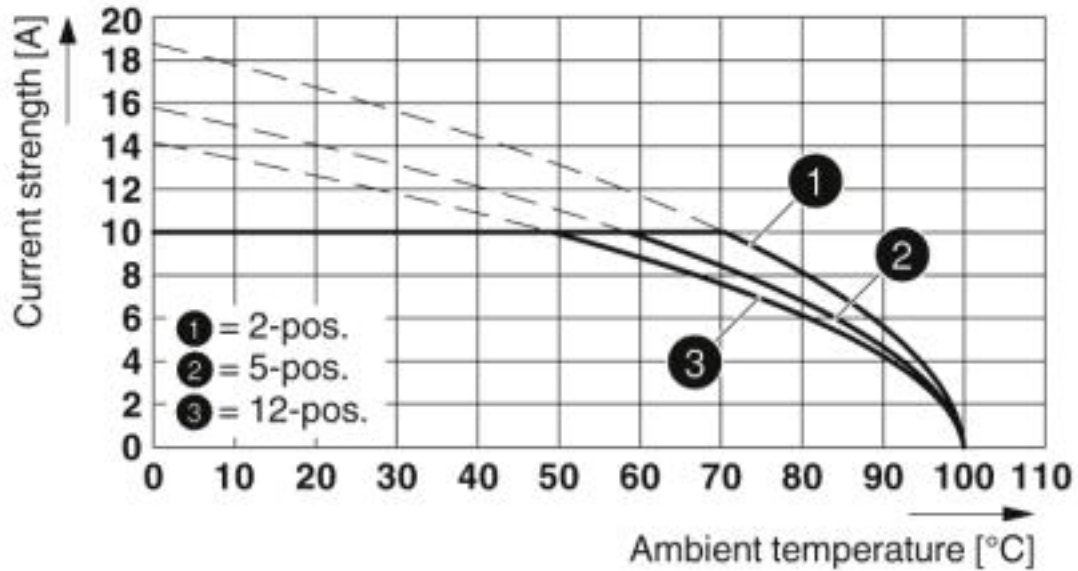
Diagram



Type: FKCV(R/W) 2,5/...-ST-5,08 with MDSTBV 2,5/...-G-5,08

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Diagram



Type: FKCT 2,5/...-ST-5,08 with MDSTBV 2,5/...-G-5,08

Approvals

Approvals

Approvals

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

Ex Approvals

Approval details


| | | | |
|--------------------|--|---|-----------------|
| CSA | | http://www.csagroup.org/services-industries/product-listing/ | LR13631-2585950 |
| | | B | D |
| Nominal voltage UN | | 300 V | 300 V |
| Nominal current IN | | 12 A | 12 A |


| | | | |
|--------------------|--|---|----------------|
| IECEE CB Scheme | | http://www.iecee.org/ | DE1-60988-B1B2 |
| Nominal voltage UN | | 250 V | |


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Approvals

| | |
|--------------------|------|
| Nominal current IN | 10 A |
|--------------------|------|

| | | | |
|--|---|--|----------|
| VDE Gutachten mit Fertigungsüberwachung |  | http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx | 40004701 |
| Nominal voltage UN | 250 V | | |
| Nominal current IN | 10 A | | |

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

| | | | |
|--------------------|---|---|-----------------|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-19931011 |
| | B | D | |
| Nominal voltage UN | 300 V | 300 V | |
| Nominal current IN | 12 A | 10 A | |

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