

Feed-through header - MSTBV 2,5/ 6-G - 1753518

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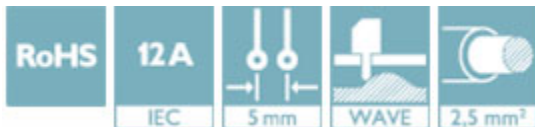
PCB headers, nominal current: 12 A, number of positions: 6, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering




The figure shows a 10-position version of the product

Your advantages

- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Well-known mounting principle allows worldwide use
- ✓ Vertical connection enables multi-row arrangement on the PCB
- ✓ Items that can be aligned in various pitches support flexible and space-saving PCB assembly
- ✓ Easy PCB replacement thanks to plug-in modules



Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| Minimum order quantity | 100 pc |
| GTIN |  4 017918 028411 |
| GTIN | 4017918028411 |
| Weight per Piece (excluding packing) | 2.200 g |
| Custom tariff number | 85366930 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|--------------|--------|
| Length [l] | 8.6 mm |
| Width | 30 mm |
| Pitch | 5 mm |

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Technical data

Dimensions

| | |
|--------------------------|----------|
| Dimension a | 25 mm |
| Width [w] | 30 mm |
| Height [h] | 15.9 mm |
| Height | 12 mm |
| Length of the solder pin | 3.9 mm |
| Pin dimensions | 1 x 1 mm |
| Length | 8.6 mm |

General

| | |
|--|----------------|
| Range of articles | MSTBV 2,5/..-G |
| 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 | 12 A |
| Maximum load current | 12 A |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Color | green |
| Number of positions | 6 |

Standards and Regulations

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

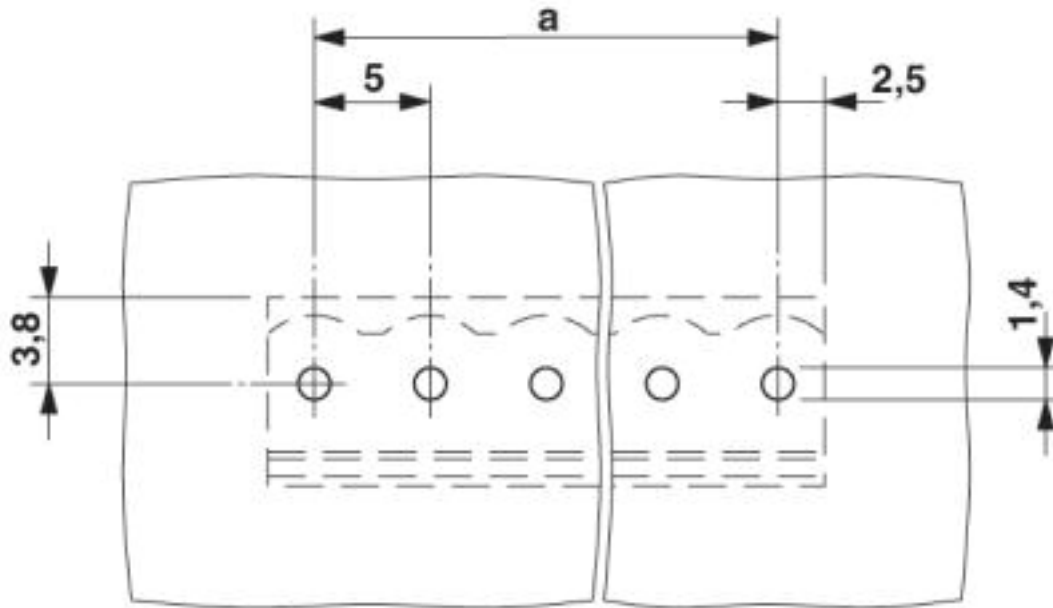
Environmental Product Compliance

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

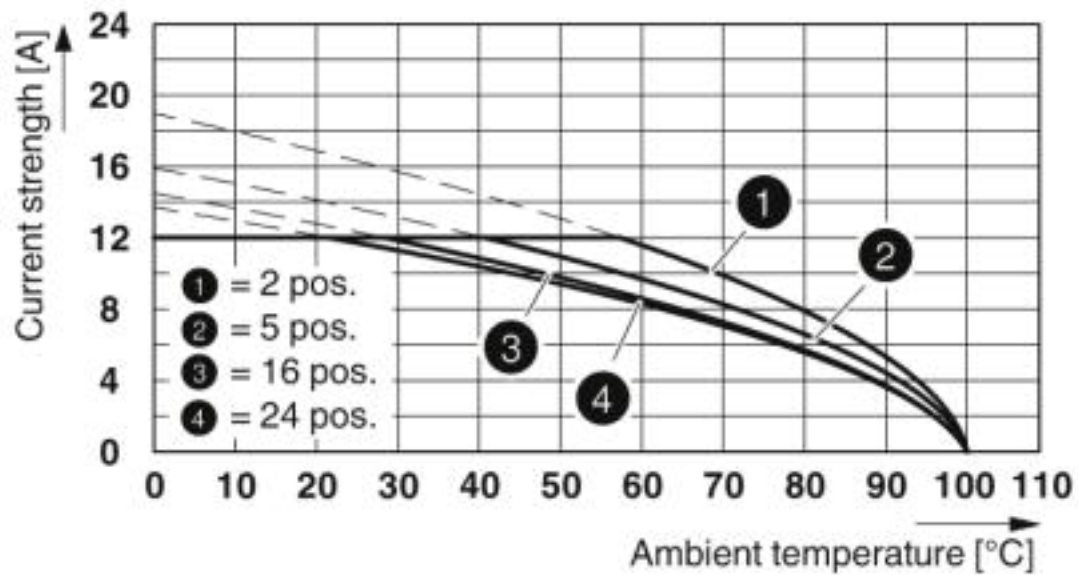
Drawings

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Drilling diagram



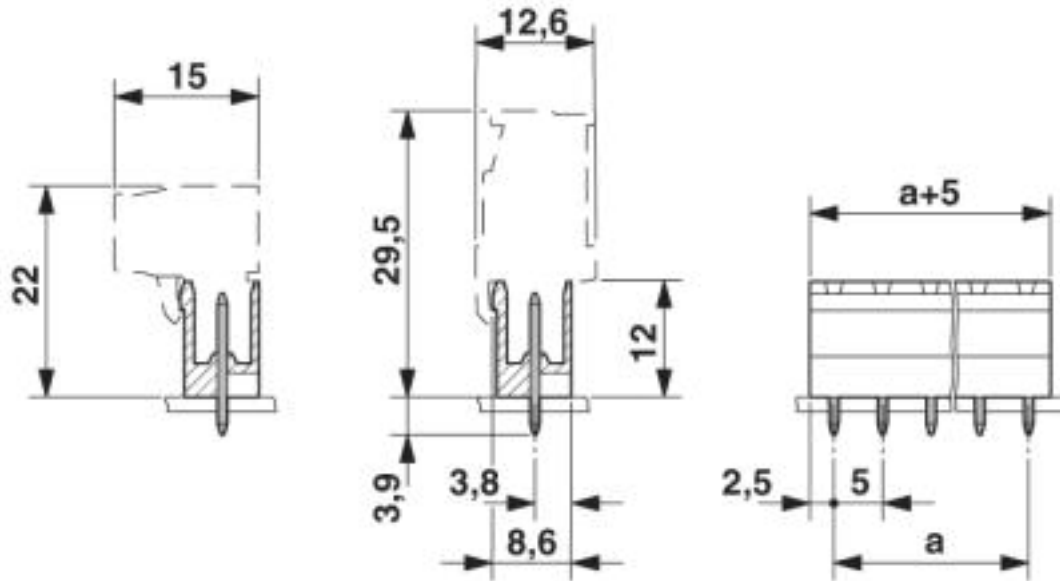
Diagram



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

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Dimensional drawing



Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27260700 |
| eCl@ss 4.1 | 27260700 |
| eCl@ss 5.0 | 27260700 |
| eCl@ss 5.1 | 27260700 |
| eCl@ss 6.0 | 27260700 |
| 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 |
| ETIM 6.0 | EC002637 |
| ETIM 7.0 | 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


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

Ex Approvals

Approval details


| | | | |
|--------------------|---|---|-------|
| CSA |  | http://www.csagroup.org/services-industries/product-listing/ | 13631 |
| | B | D | |
| Nominal voltage UN | 300 V | 300 V | |
| Nominal current IN | 12 A | 10 A | |


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

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Approvals

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

Accessories

Accessories

Coding element

Coding section - CR-MSTB - 1734401



Coding section, inserted into the recess in the header or the inverted plug, red insulating material

Filler plug

Accessories - MSTB-BL - 1755477



Keying cap, for forming sections, plugs onto header pin, green insulating material

Labeled terminal marker

Marker card - SK 5/3,8:FORTL.ZAHLEN - 0804183



Marker card, Card, white, labeled, Horizontal: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... (99)100, mounting type: adhesive, for terminal block width: 5 mm, lettering field size: 5 x 3.8 mm

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Accessories

Marker pen

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

Terminal marking

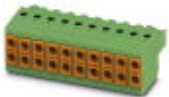
Marker card - SK 5/3,8:UNBEDRUCKT - 0805409



Marker card, Card, white, unlabeled, can be labeled with: Marker pen, mounting type: adhesive, for terminal block width: 5 mm, lettering field size: 5 x 3.8 mm

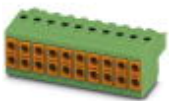
Additional products

Printed-circuit board connector - TVFKC 1,5/ 6-ST - 1713871



PCB connector, nominal current: 10 A, number of positions: 6, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - TVFKCL 1,5/ 6-ST - 1715963



PCB connector, nominal current: 10 A, number of positions: 6, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

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Accessories

Plug - QC 1,5/ 6-ST - 1718009



PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5 mm, connection method: Displacement connection, color: green, contact surface: Tin

Printed-circuit board connector - FKCN 2,5/ 6-ST - 1732784



PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - MSTB 2,5/ 6-ST - 1754520



PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MSTBP 2,5/ 6-ST - 1765810



PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - SMSTB 2,5/ 6-ST - 1768804



PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

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Accessories

Printed-circuit board connector - FRONT-MSTB 2,5/ 6-ST - 1779453

PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5 mm, connection method: Front screw connection, color: green, contact surface: Tin



Printed-circuit board connector - MSTBT 2,5/ 6-ST - 1779877

PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



Printed-circuit board connector - MVSTBR 2,5/ 6-ST - 1792058

PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



Printed-circuit board connector - MVSTBW 2,5/ 6-ST - 1792566

PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



Printed-circuit board connector - FKCT 2,5/ 6-ST - 1909252

PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin



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Accessories

Printed-circuit board connector - FKCVR 2,5/ 6-ST - 1909757



PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - FKCVW 2,5/ 6-ST - 1910076



PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - FKC 2,5/ 6-ST - 1910393



PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - QC 1/ 6-ST-BUS - 1921719



PCB connector, nominal current: 10 A, number of positions: 6, pitch: 5 mm, connection method: Displacement connection, color: green, contact surface: Tin, The plug allows conductors to be looped through from module to module, without interruption

Printed-circuit board connector - FKCS 2,5/ 6-ST - 1974779



PCB connector, nominal current: 12 A, number of positions: 6, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

