

Base strip - GMSTBV 2,5/ 3-G - 1766466

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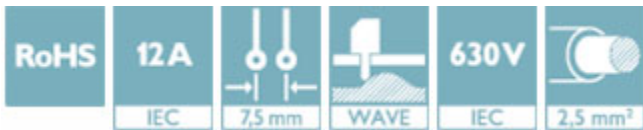
Header, nominal current: 12 A, rated voltage (III/2): 630 V, number of positions: 3, pitch: 7.5 mm, Color: green, Contact surface: Tin, mounting: Wave soldering




The figure shows a 10-position version of the product

Why buy this product

- ✓ Plug-in direction vertical to the PCB
- ✓ Headers with straight solder pins for 630 V applications (III/2)
- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Well-known mounting principle allows worldwide use
- ✓ Larger pitch for increased voltage requirements
- ✓ Vertical connection enables multi-row arrangement on the PCB



Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 STK |
| Minimum order quantity | 50 STK |
| GTIN |  4 017918 032487 |
| GTIN | 4017918032487 |
| Weight per Piece (excluding packing) | 1.770 g |
| Custom tariff number | 85366930 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|--------|--------|
| Length | 8.6 mm |
| Pitch | 7.5 mm |

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Technical data

Dimensions

| | |
|--------------------------|----------|
| Dimension a | 15.00 mm |
| Width | 20.70 mm |
| Constructional height | 12 mm |
| Length of the solder pin | 3.9 mm |
| Pin dimensions | 1 x 1 mm |
| Hole diameter | 1.4 mm |

General

| | |
|--|------------------|
| Range of articles | GMSTBV 2,5/...-G |
| Insulating material group | I |
| Rated surge voltage (III/3) | 6 kV |
| Rated surge voltage (III/2) | 6 kV |
| Rated surge voltage (II/2) | 6 kV |
| Rated voltage (III/3) | 400 V |
| Rated voltage (III/2) | 630 V |
| Rated voltage (II/2) | 630 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 | 3 |

Standards and Regulations

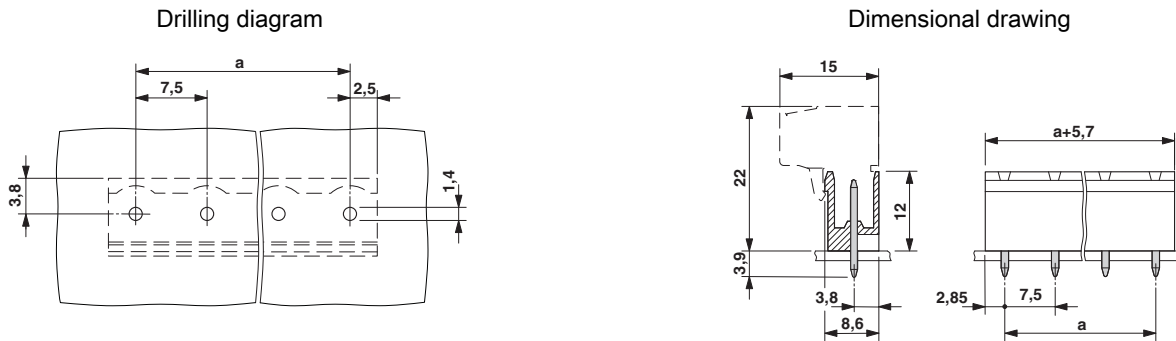
| | |
|--|--------|
| Connection in acc. with standard | EN-VDE |
| | CSA |
| Flammability rating according to UL 94 | V0 |

Environmental Product Compliance

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

Drawings

Base strip - GMSTBV 2,5/ 3-G - 1766466



Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260704 |
| 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 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211810 |
| UNSPSC 7.0901 | 39121409 |
| UNSPSC 11 | 39121409 |
| UNSPSC 12.01 | 39121409 |
| UNSPSC 13.2 | 39121409 |

Approvals

Approvals

Approvals


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


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Approvals


Ex Approvals


Approval details

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

| | | | |
|--------------------|---|---|--------------|
| UL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| | B | D | |
| Nominal current IN | 15 A | 10 A | |
| Nominal voltage UN | 300 V | 300 V | |

| | | | |
|---|---|---|----------|
| VDE Gutachten mit Fertigungsüberwachung |  | http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx | 40004701 |
| | | | |
| Nominal current IN | | 12 A | |
| Nominal voltage UN | | 400 V | |

| | | | |
|--------------------|---|---|--------------|
| cUL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| | B | D | |
| Nominal current IN | 15 A | 10 A | |
| Nominal voltage UN | 300 V | 300 V | |

| | | | |
|--------------------|---|---|----------------|
| IECEE CB Scheme |  | http://www.iecee.org/ | DE1-58636-B1B2 |
| | | | |
| Nominal current IN | | 12 A | |

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Approvals

| | |
|--------------------|-------|
| Nominal voltage UN | 400 V |
|--------------------|-------|

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

| | | |
|------------------|--|---|
| cULus Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm |
|------------------|--|---|

Accessories

Accessories

Coding element

Coding star - 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

Flange

Accessories - MSTB-BF - 1759981



Mounting flange, for fixing both ends of the header onto the PCB, green insulating material, with M 2 x 14 screws and nuts.

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Accessories

Labeled terminal marker

Marker card - SK 7,5/3,8:FORTL.ZAHLEN - 0804455



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Adhesive, for terminal block width: 7.5 mm, Lettering field: 7.5 x 3.8 mm

Additional products

Printed-circuit board connector - GMVSTBR 2,5/ 3-ST - 1737712



Plug component, nominal current: 12 A, rated voltage (III/2): 630 V, number of positions: 3, pitch: 7.5 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - GMVSTBW 2,5/ 3-ST - 1737822



Plug component, nominal current: 12 A, rated voltage (III/2): 630 V, number of positions: 3, pitch: 7.5 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - GMSTB 2,5/ 3-ST - 1766893



Plug component, nominal current: 12 A, rated voltage (III/2): 630 V, number of positions: 3, pitch: 7.5 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - GFKC 2,5/ 3-ST-7,5 - 1939426



Plug component, nominal current: 12 A, rated voltage (III/2): 630 V, number of positions: 3, pitch: 7.5 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin, COMBICON connectors may only be activated under no load conditions. If for operating reasons small loads must be switched, experimental values are available upon request.

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Accessories

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