

Base strip - MSTBV 2,5/11-GEH-5,08 - 1808557

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Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



The figure shows a 10-position version of the product

Product Features

- Versions with and without side panel
- Other pin lengths available on request
- Plug-in direction parallel and vertical to the PCB
- Standard pin strip for 320 V (III/2)



Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| GTIN |  4 017918 047061 |
| Weight per Piece (excluding packing) | 6.45 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|--------------------------|---------|
| Length | 8.6 mm |
| Pitch | 5.08 mm |
| Dimension a | 50.8 mm |
| Constructional height | 12 mm |
| Length of the solder pin | 3.9 mm |

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Technical data

Dimensions

| | |
|----------------|----------|
| Pin dimensions | 1 x 1 mm |
| Hole diameter | 1.4 mm |

General

| | |
|--|------------------|
| Range of articles | MSTBV 2,5/..-GEH |
| 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 | 11 |

Standards and Regulations

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

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 |

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Classifications

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | 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 / VDE Gutachten mit Fertigungsüberwachung / IECEE CB Scheme / cULus Recognized / EAC

Ex Approvals

Approvals submitted

Approval details

| | | |
|---|-------|-------|
| CSA  | B | D |
| Nominal current IN | 12 A | 10 A |
| Nominal voltage UN | 300 V | 300 V |

| | |
|---|------|
| VDE Gutachten mit Fertigungsüberwachung  | |
| Nominal current IN | 12 A |

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Approvals

| | |
|--------------------|-------|
| | |
| Nominal voltage UN | 250 V |

| | |
|---|-------|
| IECEE CB Scheme  | |
| Nominal current IN | 12 A |
| Nominal voltage UN | 250 V |

| | | |
|--------------------|-------|-------|
| cULus Recognized | | |
| | B | D |
| Nominal current IN | 12 A | 10 A |
| Nominal voltage UN | 300 V | 300 V |

| |
|-----|
| EAC |
|-----|

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

Labeled terminal marker

Marker card - SK 5,08/3,8:FORTL.ZAHLEN - 0804293



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: 5.08 mm, Lettering field: 5.08 x 3.8 mm

Additional products

Base strip - MSTBV 2,5/11-GEH-5,08 - 1808557

Accessories

Printed-circuit board connector - FKCN 2,5/11-ST-5,08 - 1754652



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTB 2,5/11-ST-5,08 - 1757103



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTB 2,5/11-STZ-5,08 - 1764293



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTBP 2,5/11-ST-5,08 - 1769104



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - FRONT-MSTB 2,5/11-ST-5,08 - 1777374



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Connection method: Front screw connection, Color: green, Contact surface: Tin

Base strip - MSTBV 2,5/11-GEH-5,08 - 1808557

Accessories

Printed-circuit board connector - MSTBT 2,5/11-ST-5,08 - 1781072



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm,
Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MVSTBR 2,5/11-ST-5,08 - 1792333



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm,
Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MVSTBW 2,5/11-ST-5,08 - 1792841



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm,
Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTBC 2,5/11-ST-5,08 - 1808900



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm,
Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and
conductor cross section range [mm²] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645);
12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte

Printed-circuit board connector - MSTBC 2,5/11-STZ-5,08 - 1809598



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm,
Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and
conductor cross section range [mm²] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645);
12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte

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Accessories

Printed-circuit board connector - MSTBU 2,5/11-STD-5,08 - 1824214



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm,
Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, Mounting: Direct mounting

Printed-circuit board connector - MSTBU 2,5/11-ST-5,08-FL - 1824447



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm,
Connection method: Screw connection, Color: green, Contact surface: Tin, Mounting: Direct mounting

Printed-circuit board connector - SMSTB 2,5/11-ST-5,08 - 1826377



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm,
Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTBVK 2,5/11-ST-5,08 - 1831401



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm,
Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, Mounting: DIN rail

Printed-circuit board connector - UMSTBVK 2,5/11-ST-5,08 - 1833904



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm,
Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, Mounting: DIN rail

Base strip - MSTBV 2,5/11-GEH-5,08 - 1808557

Accessories

Printed-circuit board connector - FKC 2,5/11-ST-5,08 - 1873142



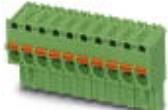
Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCVW 2,5/11-ST-5,08 - 1873744



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCVR 2,5/11-ST-5,08 - 1874044



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - QC 1/11-ST-5,08 - 1883349



Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 11, Pitch: 5.08 mm, Connection method: Displacement connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCT 2,5/11-ST-5,08 - 1902204



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Base strip - MSTBV 2,5/11-GEH-5,08 - 1808557

Accessories

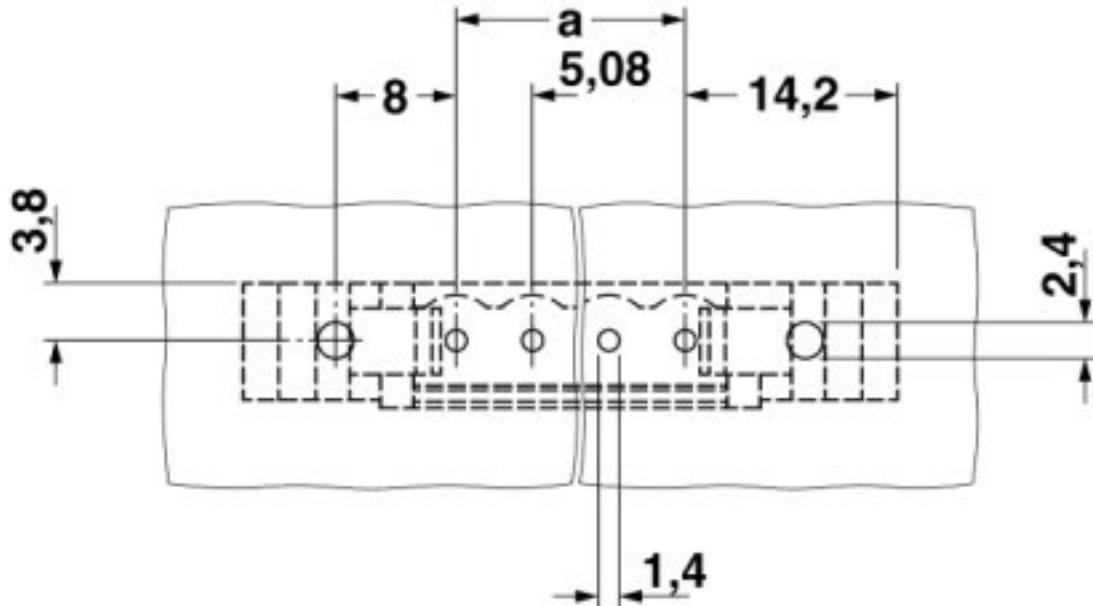
Printed-circuit board connector - FKCS 2,5/11-ST-5,08 - 1975163



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

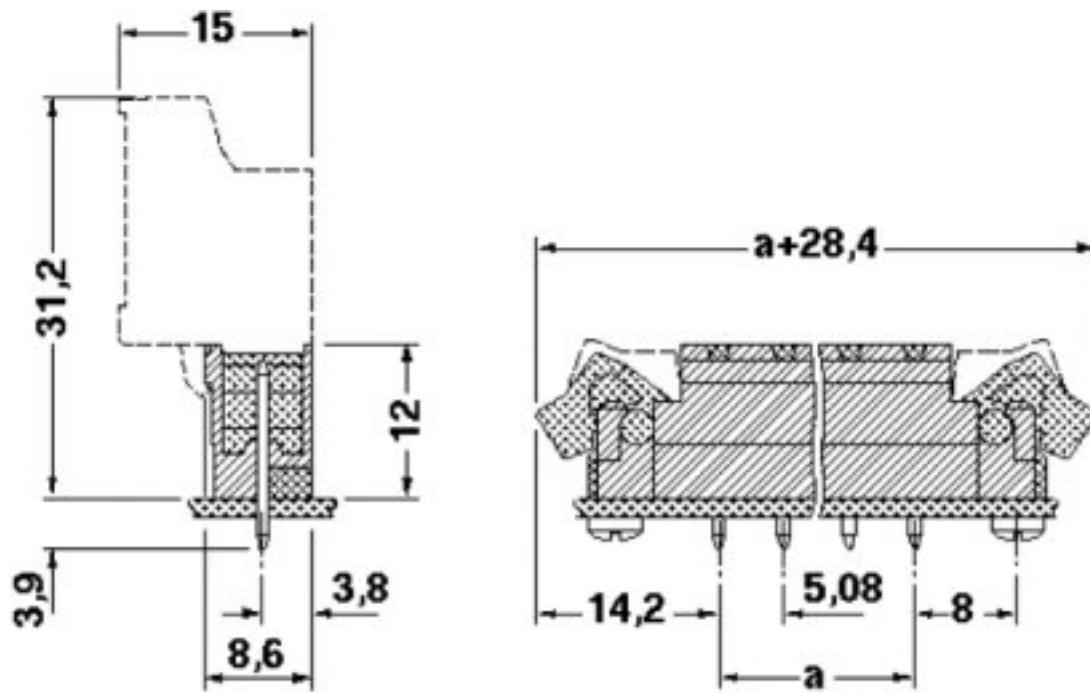
Drawings

Drilling diagram



Base strip - MSTBV 2,5/11-GEH-5,08 - 1808557

Dimensional drawing



Mouser Electronics

Authorized Distributor

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