

## Base strip - MSTBV 2,5/ 6-G-5,08 - 1758050

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering




The figure shows a 10-position version of the product

### Product Features

- Other pin lengths available on request
- Versions with and without side panel
- 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 030261
Weight per Piece (excluding packing)	2.2 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	8.6 mm
Pitch	5.08 mm
Dimension a	25.4 mm
Constructional height	12 mm
Length of the solder pin	3.9 mm

## Base strip - MSTBV 2,5/ 6-G-5,08 - 1758050

### Technical data

#### Dimensions

Pin dimensions	1 x 1 mm
Hole diameter	1.4 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 <sub>N</sub>	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

### 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

# Base strip - MSTBV 2,5/ 6-G-5,08 - 1758050

## 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 / IECCEB Scheme / EAC / 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

## Base strip - MSTBV 2,5/ 6-G-5,08 - 1758050

### Approvals

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

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

EAC
-----

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

#### Filler plug

Accessories - MSTB-BL - 1755477



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

## Base strip - MSTBV 2,5/ 6-G-5,08 - 1758050

### Accessories

#### 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

---

#### 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 5,08/3,8:UNBEDRUCKT - 0805412



Marker card, Card, white, unlabeled, can be labeled with: Marker pen, Mounting type: Adhesive, for terminal block width: 5.08 mm, Lettering field: 5.08 x 3.8 mm

---

#### Additional products

Printed-circuit board connector - TVMSTB 2,5/ 6-ST-5,08 - 1719040



Plug component, Nominal current: 12 A, Rated voltage (III/2): 400 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

## Base strip - MSTBV 2,5/ 6-G-5,08 - 1758050

### Accessories

#### Printed-circuit board connector - FKCN 2,5/ 6-ST-5,08 - 1754607

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin



#### Printed-circuit board connector - MSTB 2,5/ 6-ST-5,08 - 1757051

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



#### Printed-circuit board connector - MSTBP 2,5/ 6-ST-5,08 - 1769052

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



#### Printed-circuit board connector - MSTB 2,5/ 6-STZ-5,08 - 1776126

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



#### Printed-circuit board connector - FRONT-MSTB 2,5/ 6-ST-5,08 - 1777329

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Front screw connection, Color: green, Contact surface: Tin



## Base strip - MSTBV 2,5/ 6-G-5,08 - 1758050

### Accessories

#### Printed-circuit board connector - MSTBT 2,5/ 6-ST-5,08 - 1781027



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

#### Printed-circuit board connector - MVSTBR 2,5/ 6-ST-5,08 - 1792281



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

#### Printed-circuit board connector - MVSTBW 2,5/ 6-ST-5,08 - 1792799



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

#### Printed-circuit board connector - MSTBC 2,5/ 6-ST-5,08 - 1808858



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] 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/ 6-STZ-5,08 - 1809543



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] 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

## Base strip - MSTBV 2,5/ 6-G-5,08 - 1758050

### Accessories

Printed-circuit board connector - MSTBU 2,5/ 6-STD-5,08 - 1824162



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, 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/ 6-ST-5,08-FL - 1824395



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Mounting: Direct mounting

Printed-circuit board connector - SMSTB 2,5/ 6-ST-5,08 - 1826322



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTBVK 2,5/ 6-ST-5,08 - 1831359



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, 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/ 6-ST-5,08 - 1833852



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, Mounting: DIN rail



## Base strip - MSTBV 2,5/ 6-G-5,08 - 1758050

### Accessories

#### Printed-circuit board connector - TMSTBP 2,5/ 6-ST-5,08 - 1853052



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, The plug allows conductors to be looped through from module to module.

---

#### Printed-circuit board connector - FKCVW 2,5/ 6-ST-5,08 - 1873090



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

---

#### Printed-circuit board connector - FKCVW 2,5/ 6-ST-5,08 - 1873692



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

---

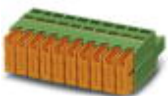
#### Printed-circuit board connector - FKCVR 2,5/ 6-ST-5,08 - 1873993



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

---

#### Printed-circuit board connector - QC 1/ 6-ST-5,08 - 1883297



Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Displacement connection, Color: green, Contact surface: Tin

## Base strip - MSTBV 2,5/ 6-G-5,08 - 1758050

### Accessories

Printed-circuit board connector - FKCT 2,5/ 6-ST-5,08 - 1902152



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - TFKC 2,5/ 6-ST-5,08 - 1962642



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

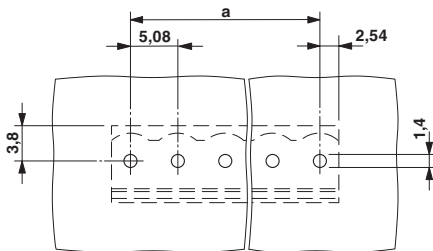
Printed-circuit board connector - FKCS 2,5/ 6-ST-5,08 - 1975118



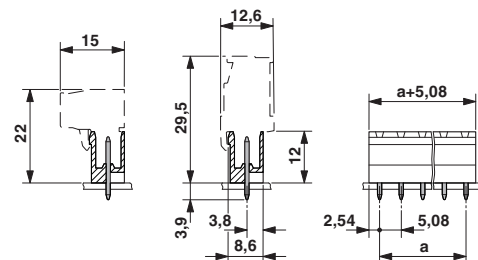
Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

### Drawings

Drilling diagram



Dimensional drawing



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[1758050](#)