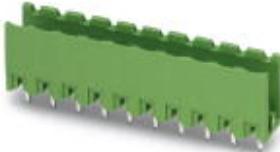


## Base strip - MSTBV 2,5/21-G-5,08 - 1758209

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: 21, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



The figure shows a 10-position version of the product



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 030414
Weight per Piece (excluding packing)	8.69 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	8.6 mm
Pitch	5.08 mm
Dimension a	101.6 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	MSTBV 2,5/..-G
Insulating material group	IIIa

## Base strip - MSTBV 2,5/21-G-5,08 - 1758209

### Technical data

#### General

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	21

#### 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

#### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637

#### UNSPSC

UNSPSC 6.01	30211810
-------------	----------

## Base strip - MSTBV 2,5/21-G-5,08 - 1758209

### Classifications

#### UNSPSC

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 / 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
Nominal voltage UN	250 V

## Base strip - MSTBV 2,5/21-G-5,08 - 1758209

### Approvals

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

---

#### Labeled terminal marker

## Base strip - MSTBV 2,5/21-G-5,08 - 1758209

### Accessories

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 - MSTB 2,5/21-ST-5,08 - 1757200



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 21, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

## Base strip - MSTBV 2,5/21-G-5,08 - 1758209

### Accessories

Printed-circuit board connector - MSTBP 2,5/21-ST-5,08 - 1769201



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 21, Pitch: 5.08 mm,  
Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

---

Printed-circuit board connector - FRONT-MSTB 2,5/21-ST-5,08 - 1777471



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 21, Pitch: 5.08 mm,  
Connection method: Front screw connection, Color: green, Contact surface: Tin

---

Printed-circuit board connector - MVSTBR 2,5/21-ST-5,08 - 1792430



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 21, Pitch: 5.08 mm,  
Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

---

Printed-circuit board connector - MVSTBW 2,5/21-ST-5,08 - 1792948



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 21, Pitch: 5.08 mm,  
Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

---

Printed-circuit board connector - MSTBC 2,5/21-ST-5,08 - 1809006



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 21, 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 2,5/21-G-5,08 - 1758209

### Accessories

Printed-circuit board connector - MSTBC 2,5/21-STZ-5,08 - 1809695



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 21, 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 - MSTBU 2,5/21-STD-5,08 - 1824311



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 21, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, Mounting: Direct mounting

---

Printed-circuit board connector - MSTBU 2,5/21-ST-5,08-FL - 1824544



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 21, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, Mounting: Direct mounting

---

Printed-circuit board connector - SMSTB 2,5/21-ST-5,08 - 1850602



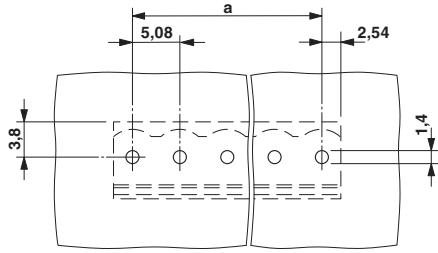
Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 21, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

---

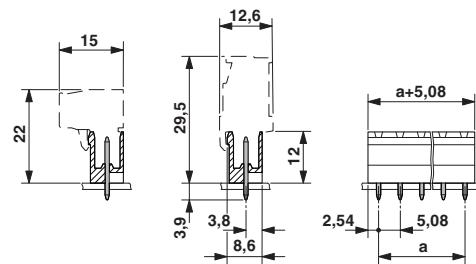
### Drawings

## Base strip - MSTBV 2,5/21-G-5,08 - 1758209

Drilling diagram



Dimensional drawing



# Mouser Electronics

Authorized Distributor

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

[Phoenix Contact:](#)

[1758209](#)