

Base strip - EMSTBVA 2,5/ 8-G-5,08 - 1859577

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>)

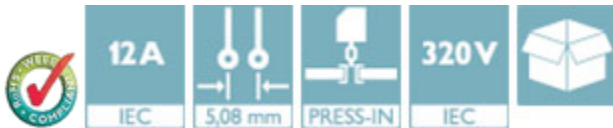
Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Press-in technology




The figure shows a 10-position version of the product

Product Features

- Press-in tools available on request
- Pin strips with ERNI-PRESS flexible press-in zone
- Processing according to EN 60352-5



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 017918 132996
Weight per Piece (excluding packing)	3.72 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length	8.6 mm
Pitch	5.08 mm
Dimension a	35.56 mm
Width	42.64 mm
Constructional height	12 mm

Base strip - EMSTBVA 2,5/ 8-G-5,08 - 1859577

Technical data

Dimensions

Height	15.9 mm
Length of the solder pin	3.9 mm
Pin dimensions	1,7 mm
Hole diameter	1.75 mm

General

Range of articles	EMSTBVA 2,5/..-G
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)	200 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	320 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	8

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
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 - EMSTBVA 2,5/ 8-G-5,08 - 1859577

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


VDE Gutachten mit Fertigungsüberwachung / IECEx CB Scheme / CCA / EAC / cULus Recognized / EAC

Ex Approvals

Approvals submitted

Approval details

VDE Gutachten mit Fertigungsüberwachung 	
Nominal current IN	12 A
Nominal voltage UN	250 V

IECEE CB Scheme 	
Nominal current IN	12 A

Base strip - EMSTBVA 2,5/ 8-G-5,08 - 1859577

Approvals

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

CCA

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 - EMSTBVA 2,5/ 8-G-5,08 - 1859577

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

Mounting material

Assembly adapters - EMSTBVA 2,5-SS-1-5,08 - 1877216



Stamp set, consisting of an upper and lower stamp, upper stamp: 2 to 16-pos., lower stamp: 2 to 24-pos., pitch: 5.08 mm

Accessories - EMSTBVA 2,5-SS-2-5,08 - 1877229

Stamp set, consisting of an upper and lower stamp, upper stamp: 17 to 24-pos., lower stamp: 2 to 24-pos., pitch: 5.08 mm

Accessories - EMSTB 2,5-SH - 1877203



Stamp holder, for upper and lower stamp

EMSTBVA 2,5-SS-3-5,0 - 1914810

Stamp set, consisting of an upper and lower stamp, upper stamp: 17 to 24-pos., lower stamp: 2 to 24-pos., pitch: 5.0 mm

Additional products

Base strip - EMSTBVA 2,5/ 8-G-5,08 - 1859577

Accessories

Printed-circuit board connector - TVMSTB 2,5/ 8-ST-5,08 - 1719066



Plug component, Nominal current: 12 A, Rated voltage (III/2): 400 V, Number of positions: 8, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCN 2,5/ 8-ST-5,08 - 1754623



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTB 2,5/ 8-ST-5,08 - 1757077



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTB 2,5/ 8-STZ-5,08 - 1764235



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTBP 2,5/ 8-ST-5,08 - 1769078



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Base strip - EMSTBVA 2,5/ 8-G-5,08 - 1859577

Accessories

Printed-circuit board connector - FRONT-MSTB 2,5/ 8-ST-5,08 - 1777345

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Connection method: Front screw connection, Color: green, Contact surface: Tin



Plug - MSTBT 2,5/ 8-ST-5,08 - 1781043

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



Printed-circuit board connector - MVSTBR 2,5/ 8-ST-5,08 - 1792304

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



Printed-circuit board connector - MVSTBW 2,5/ 8-ST-5,08 - 1792812

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



Printed-circuit board connector - MSTBC 2,5/ 8-ST-5,08 - 1808874

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, 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



Base strip - EMSTBVA 2,5/ 8-G-5,08 - 1859577

Accessories

Printed-circuit board connector - MSTBC 2,5/ 8-STZ-5,08 - 1809569



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, 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 - MSTBU 2,5/ 8-STD-5,08 - 1824188



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, 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/ 8-ST-5,08-FL - 1824418



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Mounting: Direct mounting

Printed-circuit board connector - SMSTB 2,5/ 8-ST-5,08 - 1826348



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTBVK 2,5/ 8-ST-5,08 - 1831375



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, Mounting: DIN rail

Base strip - EMSTBVA 2,5/ 8-G-5,08 - 1859577

Accessories

Printed-circuit board connector - UMSTBVK 2,5/ 8-ST-5,08 - 1833878



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, Mounting: DIN rail

Printed-circuit board connector - TMSTBP 2,5/ 8-ST-5,08 - 1853078



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, 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 - FKC 2,5/ 8-ST-5,08 - 1873113



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCVW 2,5/ 8-ST-5,08 - 1873715



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCVR 2,5/ 8-ST-5,08 - 1874015



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Base strip - EMSTBVA 2,5/ 8-G-5,08 - 1859577

Accessories

Printed-circuit board connector - QC 1/ 8-ST-5,08 - 1883310



Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 8, Pitch: 5.08 mm, Connection method: Displacement connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCT 2,5/ 8-ST-5,08 - 1902178



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - TFKC 2,5/ 8-ST-5,08 - 1962668



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCS 2,5/ 8-ST-5,08 - 1975134

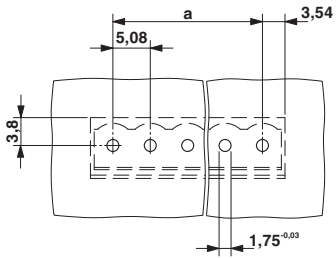


Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

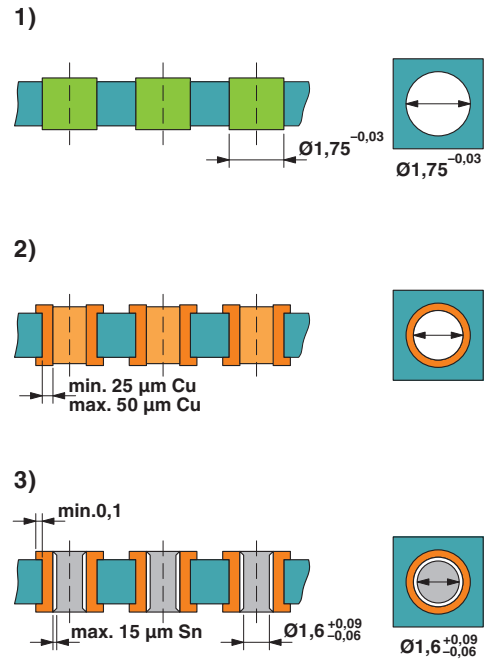
Drawings

Base strip - EMSTBVA 2,5/ 8-G-5,08 - 1859577

Drilling diagram



Drilling diagram



Drill hole layout in FR4 or EP-GC basic material

Mouser Electronics

Authorized Distributor

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

[Phoenix Contact:](#)

[1859577](#)