

Base strip - EMSTBV 2,5/10-GF-5,08 - 1915291

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Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Press-in




Why buy this product

- ✓ 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	50 pc
Minimum order quantity	50 pc
GTIN	 4 017918 182113
Weight per Piece (excluding packing)	5.3 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length	8.6 mm
Pitch	5.08 mm
Dimension a	45.72 mm
Pin dimensions	1,7 mm
Hole diameter	1.75 mm

General

Range of articles	EMSTBV 2,5/..-GF
Insulating material group	IIIa
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV

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Technical data

General

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
Inflammability class according to UL 94	V0
Color	green
Number of positions	10

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

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

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCE CB Scheme / CCA / EAC / cULus Recognized


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Approvals


Ex Approvals


Approvals submitted

Approval details

UL Recognized 		
	B	D
Nominal current I _N	12 A	10 A
Nominal voltage U _N	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung 	
Nominal current I _N	12 A
Nominal voltage U _N	250 V

cUL Recognized 		
	B	D
Nominal current I _N	12 A	10 A
Nominal voltage U _N	300 V	300 V

IECEE CB Scheme 	
Nominal current I _N	12 A
Nominal voltage U _N	250 V

CCA	
Nominal current I _N	12 A
Nominal voltage U _N	250 V

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Approvals

EAC

cULus Recognized  US

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

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

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Accessories

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

Printed-circuit board connector - FRONT-MSTB 2,5/10-STF-5,08 - 1777879



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCVW 2,5/10-STF-5,08 - 1873883



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin

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Accessories

Printed-circuit board connector - FKCT 2,5/10-STF-5,08 - 1902385



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin

Printed-circuit board connector - QC 1/10-STF-5,08 - 1883433



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

Printed-circuit board connector - FKCVR 2,5/10-STF-5,08 - 1874183



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKC 2,5/10-STF-5,08 - 1873281



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin

Printed-circuit board connector - TMSTBP 2,5/10-STF-5,08 - 1853188



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, The plug allows conductors to be looped through from module to module.

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Accessories

Printed-circuit board connector - MVSTBR 2,5/10-STF-5,08 - 1835177



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MVSTBW 2,5/10-STF-5,08 - 1834987



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTBC 2,5/10-STZF-5,08 - 1809815



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, 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 - MSTBT 2,5/10-STF-5,08 - 1805372



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTB 2,5/10-STF-5,08 - 1778069

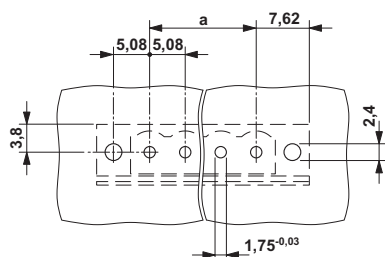


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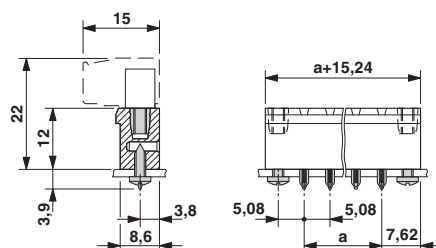
Drawings

Base strip - EMSTBV 2,5/10-GF-5,08 - 1915291

Drilling diagram

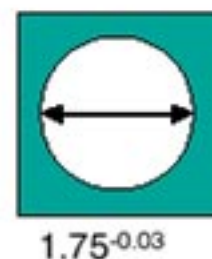
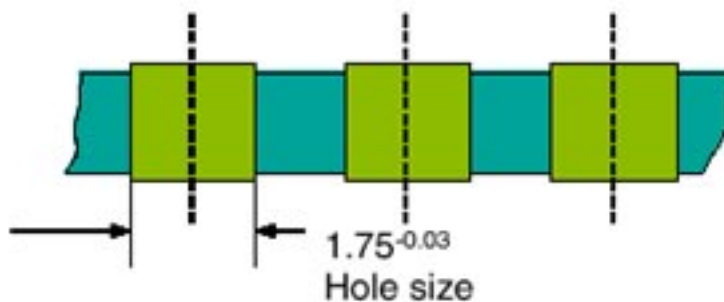


Dimensioned drawing



Drilling diagram

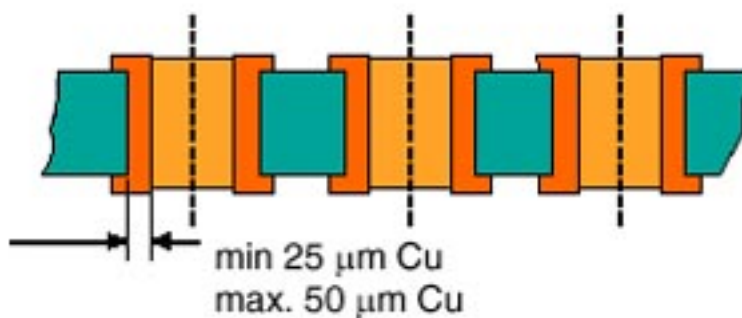
Bore hole in the basic material,
mostly epoxy glass fabric FR4 or EP-GC



Bore hole with Cu ferrule

Drilling diagram

Bore hole with Cu ferrule



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Drilling diagram

Plated-through bore hole with Sn/SnPb

