

Base strip - EMSTB 2,5/ 2-GF - 1900073

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Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Press-in



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
Weight per Piece (excluding packing)	2.67 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length	12 mm
Pitch	5 mm
Dimension a	5 mm
Pin dimensions	1,7 mm
Hole diameter	1.75 mm

General

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

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Technical data

General

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
Inflammability class according to UL 94	V0
Color	green
Number of positions	2

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

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Approvals

Approvals

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UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / GOST / IECEE CB Scheme / GOST / CCA / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 	B	D
Nominal current IN	15 A	10 A
Nominal voltage UN	300 V	300 V

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

cUL Recognized 	B	D
Nominal current IN	15 A	10 A
Nominal voltage UN	300 V	300 V

GOST 
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Approvals

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

GOST 	
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CCA	
Nominal current IN	12 A
Nominal voltage UN	250 V

cULus Recognized 	
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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

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Accessories

Labeled terminal marker

Marker cards - SK 5/3,8:FORTL.ZAHLEN - 0804183



Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, For terminal block width: 5 mm, Lettering field: 5 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

Additional products

Base strip - EMSTB 2,5/ 2-GF - 1900073

Accessories

Printed-circuit board connector - FRONT-MSTB 2,5/ 2-STF - 1779644



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MVSTBW 2,5/ 2-STF - 1835287



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MVSTBR 2,5/ 2-STF - 1835478



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKC 2,5/ 2-STF - 1910526



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

Printed-circuit board connector - FKCVW 2,5/ 2-STF - 1910209

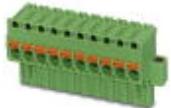


Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

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Accessories

Printed-circuit board connector - FKCVR 2,5/ 2-STF - 1909883



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

Printed-circuit board connector - FKCT 2,5/ 2-STF - 1909401



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

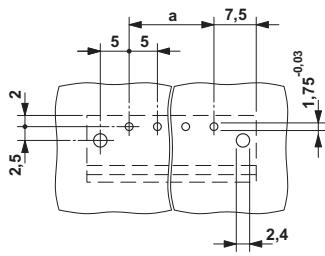
Printed-circuit board connector - MSTB 2,5/ 2-STF - 1786831



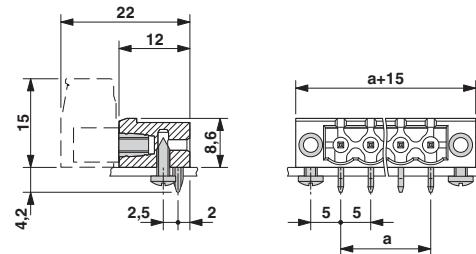
Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Drawings

Drilling diagram



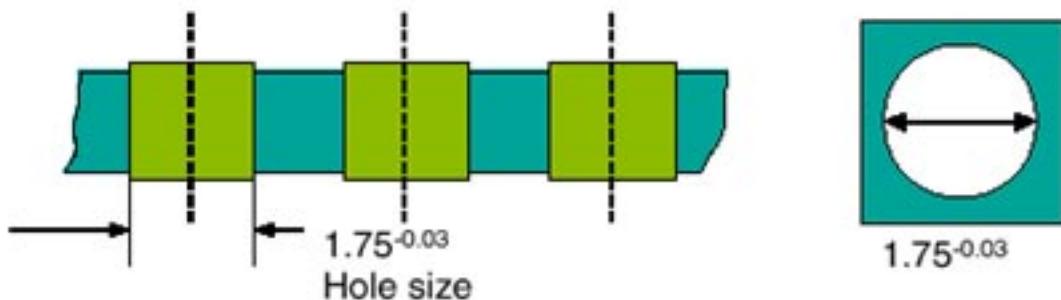
Dimensioned drawing



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Drilling diagram

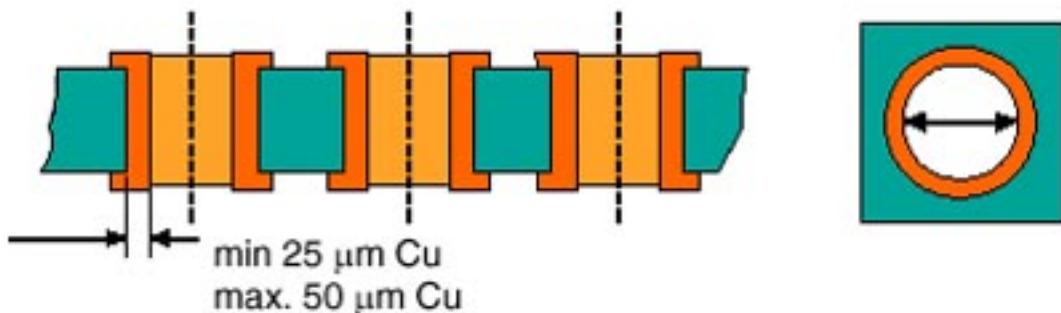
Bore hole in the basic material,
mostly epoxy glass fabric FR4 or EP-GC



Bore hole with Cu ferrule

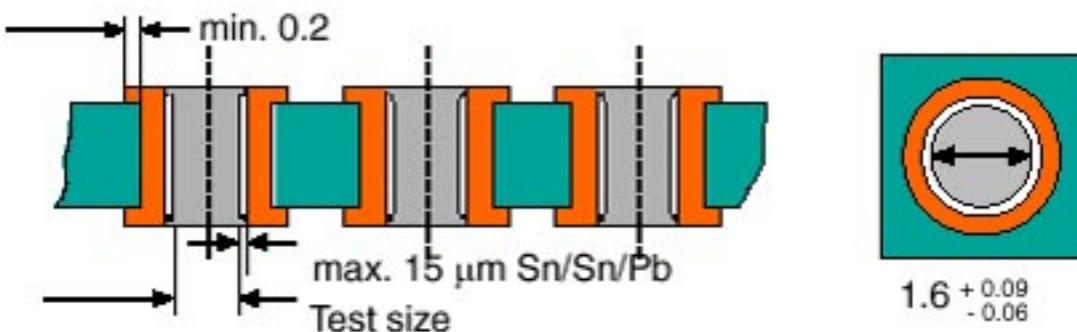
Drilling diagram

Bore hole with Cu ferrule



Drilling diagram

Plated-through bore hole with Sn/SnPb



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