

Base strip - EMSTBVA 2,5/12-G - 1914959

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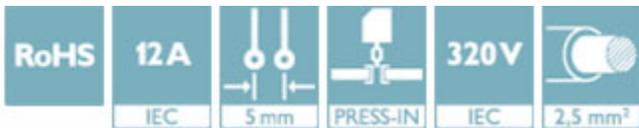
Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 12, pitch: 5 mm, Color: green, Contact surface: Tin, mounting: Press-in technology



The figure shows a 10-position version of the product

Why buy this product

- ✓ Processing according to EN 60352-5
- ✓ Long-term stable press-in connection ensures high holding force without thermal load
- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Vertical connection enables multi-row arrangement on the PCB
- ✓ Closed contour for optimum stability of the plug-in connection



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	 4 017918 181642
GTIN	4017918181642
Weight per Piece (excluding packing)	5.270 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length	8.6 mm
Pitch	5 mm
Dimension a	55.00 mm

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Technical data

Dimensions

Width	62.00 mm
Constructional height	12 mm
Height	15.9 mm
Length of the solder pin	3.9 mm
Pin dimensions	0
Hole diameter	1.6 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	12

Standards and Regulations

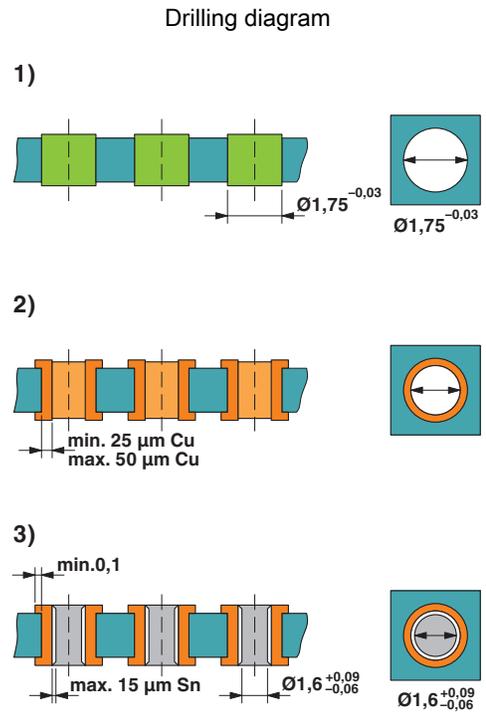
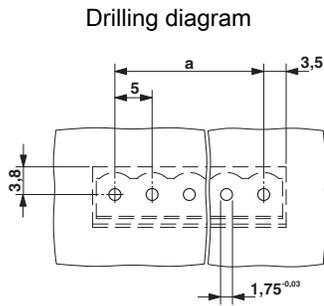
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

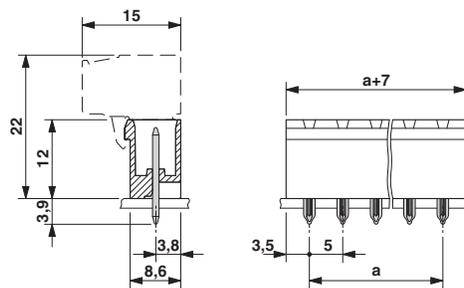
Drawings

Base strip - EMSTBVA 2,5/12-G - 1914959



Drill hole layout in FR4 or EP-GC basic material

Dimensional drawing



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

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Classifications

eCl@ss

eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637
ETIM 6.0	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 / IECCEB Scheme / cULus Recognized / EAC

Ex Approvals

Approval details

VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/ VDE-approved-products/Pages/Online-Search.aspx	40004701
Nominal current IN	12 A		
Nominal voltage UN	250 V		

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Approvals

IECEE CB Scheme		http://www.iecee.org/	DE1-58636-B1B2
Nominal current IN		12 A	
Nominal voltage UN		250 V	

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19931011
	B	D	
Nominal current IN	12 A	10 A	
Nominal voltage UN	300 V	300 V	

EAC		B.01742
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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 card - SK 5/3,8:FORTL.ZAHLEN - 0804183



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 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

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

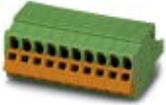
Stamp set, consisting of an upper and lower stamp, upper stamp: 17 to 24-pos., lower stamp: 2 to 24-pos., pitch: 5.0 mm

Additional products

Base strip - EMSTBVA 2,5/12-G - 1914959

Accessories

Plug - QC 1,5/12-ST - 1718067



Plug component, nominal current: 12 A, rated voltage (III/2): 630 V, number of positions: 12, pitch: 5 mm, connection method: Displacement connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCN 2,5/12-ST - 1732836



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 12, pitch: 5 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTB 2,5/12-ST - 1754643



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 12, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTB 2,5/12-STZ - 1759350



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 12, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTBP 2,5/12-ST - 1765878



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 12, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

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Accessories

Printed-circuit board connector - SMSTB 2,5/12-ST - 1768859

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 12, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



Printed-circuit board connector - FRONT-MSTB 2,5/12-ST - 1779518

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 12, pitch: 5 mm, connection method: Front screw connection, Color: green, Contact surface: Tin



Printed-circuit board connector - MSTBT 2,5/12-ST - 1779932

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 12, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



Printed-circuit board connector - MVSTBR 2,5/12-ST - 1792113

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 12, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



Printed-circuit board connector - MVSTBW 2,5/12-ST - 1792621

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 12, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



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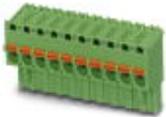
Accessories

Printed-circuit board connector - FKCT 2,5/12-ST - 1909317



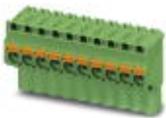
Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 12, pitch: 5 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCVR 2,5/12-ST - 1909812



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 12, pitch: 5 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCVW 2,5/12-ST - 1910131



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 12, pitch: 5 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKC 2,5/12-ST - 1910458



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 12, pitch: 5 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCS 2,5/12-ST - 1974834



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 12, pitch: 5 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

