

Feed-through header - EMSTBVA 2,5/18-G-5,08 - 1915893

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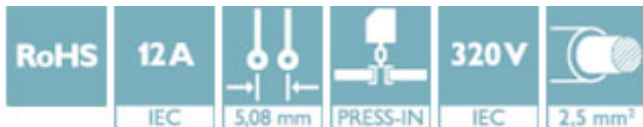
PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 18, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Press-in technology



The figure shows a 10-position version of the product

Why buy this product

- ✓ 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	50 pc
GTIN	
GTIN	4017918182021

Technical data

Dimensions

Length [l]	8.6 mm
Width	93.44 mm
Pitch	5.08 mm
Dimension a	86.36 mm
Width [w]	93.44 mm
Height [h]	15.9 mm
Constructional height	12 mm
Length of the solder pin	3.9 mm
Length	8.6 mm

General

Range of articles	EMSTBVA 2,5/..-G
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Technical data

General

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	18

Standards and Regulations

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

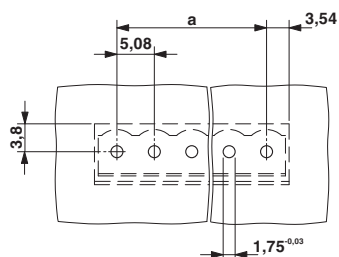
Environmental Product Compliance

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

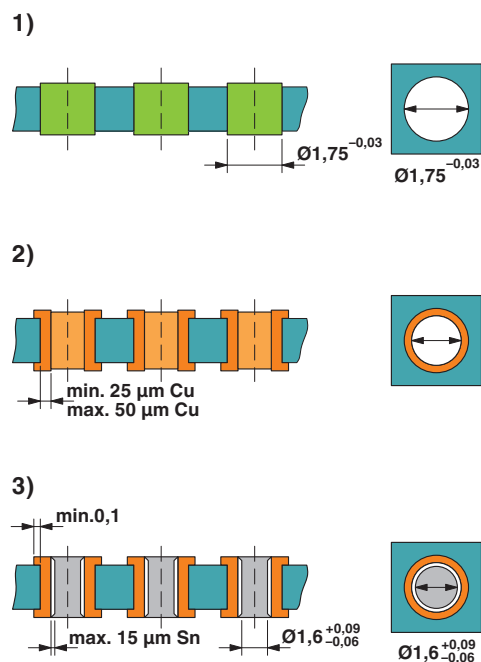
Drawings

Feed-through header - EMSTBVA 2,5/18-G-5,08 - 1915893

Drilling diagram

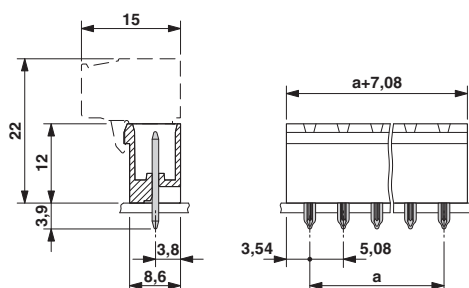


Drilling diagram



Drill hole layout in FR4 or EP-GC basic material

Dimensional drawing



Approvals

Approvals

Approvals

VDE Gutachten mit Fertigungsüberwachung / IEC CB Scheme / cULus Recognized / cULus Recognized / EAC

Ex Approvals

Approval details

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Approvals

VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40004701
Nominal voltage UN	250 V		
Nominal current IN	12 A		

IECEE CB Scheme		http://www.iecee.org/	DE1-58978-B1B2
Nominal voltage UN	250 V		
Nominal current IN	12 A		

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19931011
	D	B	
Nominal voltage UN	300 V	300 V	
Nominal current IN	10 A	10 A	
mm²/AWG/kcmil	26-12	26-12	

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

EAC		B.01742
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