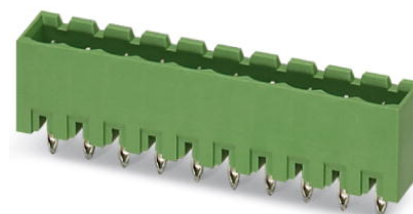


EMSTBVA 2,5/16-G-5,08

Order No.: 1859658

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1859658>

Header, nominal current: 12 A, rated voltage: 200 V, pitch: 5.08 mm,
no. of positions: 16, mounting: press in

Commercial data

EAN	4017918133078
Pack	50 Pcs.
Customs tariff	85366990
Weight/Piece	0.00713 KG
Catalog page information	Page 217 (CC-2007)

Product notes

WEEE/RoHS-compliant since:
01/01/2003



<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

Dimensions / positions

Pitch	5.08 mm
Dimension a	76.2 mm
Number of positions	16
Pin dimensions	1,7 mm
Hole diameter	1.75 mm

Technical data

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/2)	320 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	12 A
Nominal voltage U_N	200 V
Maximum load current	12 A
Insulating material	PBT
Inflammability class acc. to UL 94	V0

Certificates / Approvals



CUL

Nominal voltage U_N	300 V
Nominal current I_N	10 A

UL

Nominal voltage U_N	300 V
Nominal current I_N	10 A
Certification	CB, CUL, GOST, UL, VDE-PZI

Accessories

Item	Designation	Description
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Assembly

1877203	EMSTB 2,5-SH	Stamp holder, for upper and lower stamp
1877229	EMSTBVA 2,5-SS-2-5,08	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
1755477	MSTB-BL	Keying cap, for forming sections, plugs onto header pin, green insulating material

Marking

0804293	SK 5,08/3,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 12 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 120 terminal blocks
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Plug/Adapter

1734401	CR-MSTB	Coding section, inserted into the recess in the header or the inverted plug, red insulating material
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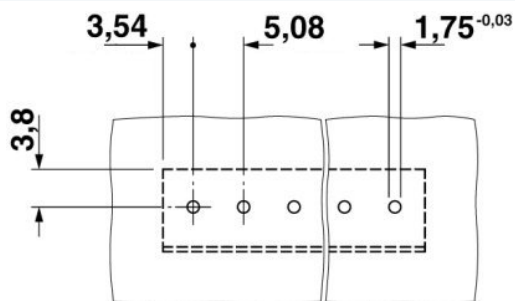
Additional products

Item	Designation	Description
General		
1873197	FKC 2,5/16-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 16, type of connection: Spring-cage connection
1902259	FKCT 2,5/16-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 16, type of connection: Spring-cage connection
1874099	FKCVR 2,5/16-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 16, type of connection: Spring-cage connection
1873799	FKCVW 2,5/16-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 16, type of connection: Spring-cage connection
1777426	FRONT-MSTB 2,5/16-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 16, type of connection: Screw connection
1786543	IC 2,5/16-G-5,08	Header, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, number of positions: 16, mounting type: soldering
1786080	ICV 2,5/16-G-5,08	Header, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, number of positions: 16, mounting type: soldering
1757158	MSTB 2,5/16-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 16, type of connection: Screw connection
1764248	MSTB 2,5/16-STZ-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 16, type of connection: Screw connection
1808955	MSTBC 2,5/16-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 16, type of connection: Crimp connection
1809640	MSTBC 2,5/16-STZ-5,08	Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 16, type of connection: Crimp connection

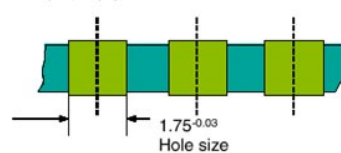
1769159	MSTBP 2,5/16-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 16, type of connection: Screw connection
1781124	MSTBT 2,5/16-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 16, type of connection: Screw connection
1824269	MSTBU 2,5/16-STD-5,08	Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 16, type of connection: Screw connection
1831456	MSTBVK 2,5/16-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 16, type of connection: Screw connection
1792388	MVSTBR 2,5/16-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 16, type of connection: Screw connection
1792896	MVSTBW 2,5/16-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 16, type of connection: Screw connection
1918052	QC 0,75/16-ST-5,08	Plug components, 5.08 mm pitch, color: green, no. of positions 16, dimension a 76.20 mm
1883844	QC 1/16-ST-5,08	Plug, nominal current: 10 A, rated voltage: 500 V, pitch: 5.08 mm, number of positions: 16, connection method: Insulation displacement connection QUICKON
1826429	SMSTB 2,5/16-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 16, type of connection: Screw connection
1833959	UMSTBVK 2,5/16-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 16, type of connection: Screw connection
1873029	ZFKK 1,5-ICV-5,08	Modular terminal blocks with plug entry, cross section: 0.2 - 1.5 mm ² , width: 5.1 mm, color: gray

Drawings

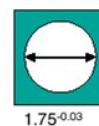
Drilling diagram



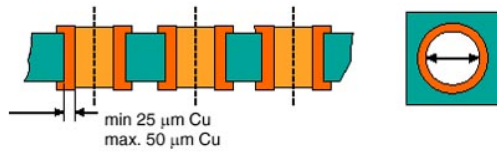
Bore hole in the basic material,
mostly epoxy glass fabric FR4 or EP-GC



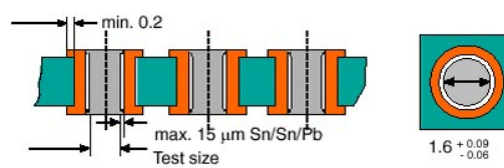
Bore hole with Cu ferrule



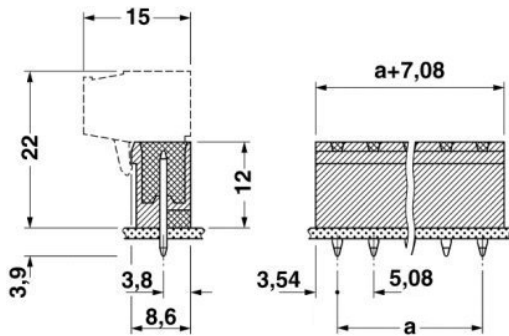
Bore hole with Cu ferrule



Plated-through bore hole with Sn/SnPb



Dimensioned drawing



Address

PHOENIX CONTACT Inc., USA
586 Fulling Mill Road
Middletown, PA 17057, USA
Phone (800) 888-7388
Fax (717) 944-1625
<http://www.phoenixcon.com>



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