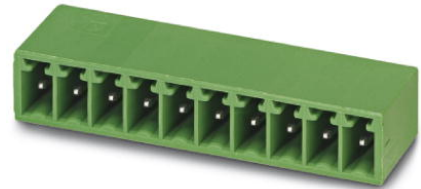



EMC 1,5/ 3-G-3,81

Order No.: 1897814

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1897814>

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Press-in

Commercial data	
GTIN (EAN)	 4 017918 166397
Note	Made-to-order
sales group	E105
Pack	50 pcs.
Customs tariff	85369010
Catalog page information	Page 172 (CC-2009)

Product notesWEEE/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	
Length	10.7 mm
Pitch	3.81 mm
Dimension a	7.62 mm
Number of positions	3

Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.45 mm

Technical data

Range of articles	EMC 1,5/..-G
Insulating material group	IIIa
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/2)	160 V
Rated voltage (II/2)	250 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	8 A
Nominal voltage U_N	160 V
Maximum load current	8 A
Insulating material	PBT
Inflammability class acc. to UL 94	V0
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	8 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	8 A

Certificates / Approvals



Certification

CUL, GOST, UL

Accessories

Item	Designation	Description
1877258	EMC 1,5-SH	Stamp holder, for upper and lower stamp

Assembly

Marking

0804109	SK 3,81/2,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 10-section marker strip, 14 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 140 terminal blocks
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Plug/Adapter

1734634	CP-MSTB	Keying profile, is inserted into the slot on the plug or inverted header, red insulating material
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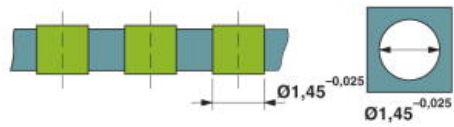
Additional products

Item	Designation	Description
General		
1851054	FK-MCP 1,5/ 3-ST-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 3.81 mm, Color: green, Metal surface: Sn
1850673	FRONT-MC 1,5/ 3-ST-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 3.81 mm, Color: green, Metal surface: Sn
1862580	IMC 1,5/ 3-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1875438	IMCV 1,5/ 3-G-3,81	Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1803581	MC 1,5/ 3-ST-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 3.81 mm, Color: green, Metal surface: Sn
1852189	MCC 1/ 3-STZ-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Corresponding female crimp contacts with current [A] and conductor cross section range [mm ²] data: 5A/MCC-MT 0,2-0,35 (1859988); 8A/MCC-MT 0,5-1,0 (1859991)
1827130	MCVR 1,5/ 3-ST-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 3.81 mm, Color: green, Metal surface: Sn
1826982	MCVW 1,5/ 3-ST-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 3.81 mm, Color: green, Metal surface: Sn
1897403	QC 0,5/ 3-ST-3,81	Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 3, Pitch: 3.81 mm, Color: green, Metal surface: Sn

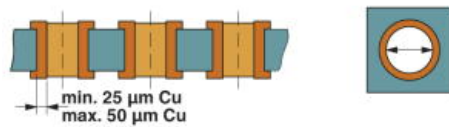
Diagrams/Drawings

Drilling plan/solder pad geometry

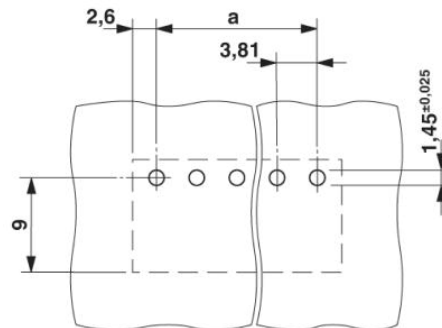
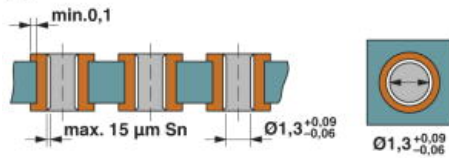
1)



2)

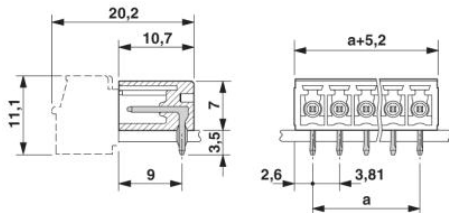


3)



Drill hole layout in FR4 or EP-GC basic material

Dimensioned drawing



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