

Excellent Integrated System Limited

Stocking Distributor

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sales@integrated-circuit.com



Extract from the online catalog

EMC 1,5/ 7-GF-3,81


Order No.: 1896996

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1896996>

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Press-in

Commercial data	
GTIN (EAN)	 4 017918 166137
Note	Made-to-order
sales group	E105
Pack	50 pcs.
Customs tariff	85369010
Catalog page information	Page 173 (CC-2009)

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	
Length	10.7 mm
Pitch	3.81 mm
Dimension a	22.86 mm
Number of positions	7

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

Technical data

Range of articles	EMC 1,5/..-GF
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
Assembly		
1877258	EMC 1,5-SH	Stamp holder, for upper and lower stamp

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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

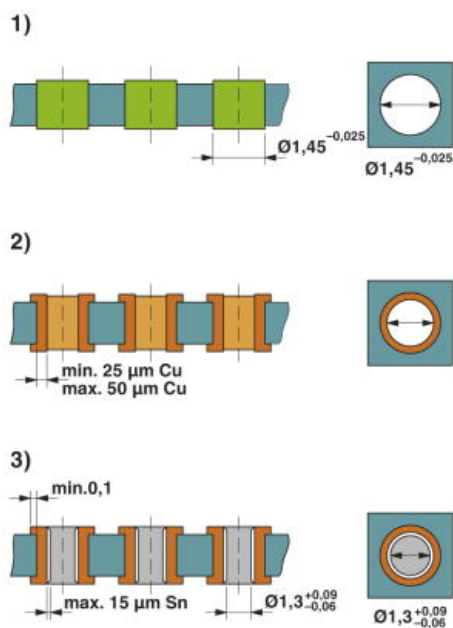
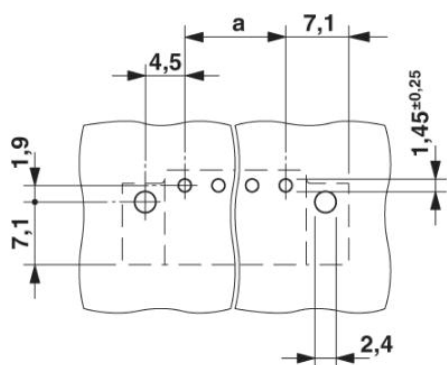
Item	Designation	Description
General		
1851287	FK-MCP 1,5/ 7-STF-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Metal surface: Sn
1850903	FRONT-MC 1,5/ 7-STF-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Metal surface: Sn
1827758	MC 1,5/ 7-STF-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Metal surface: Sn
1852419	MCC 1/ 7-STZF-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, 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)
1828391	MCVR 1,5/ 7-STF-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Metal surface: Sn
1828540	MCVW 1,5/ 7-STF-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Metal surface: Sn
1897597	QC 0,5/ 7-STF-3,81	Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 7, Pitch: 3.81 mm, Color: green, Metal surface: Sn

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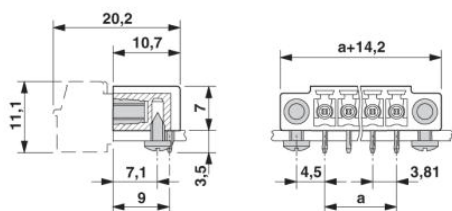
Diagrams/Drawings

Drilling plan/solder pad geometry



Drill hole layout in FR4 or EP-GC basic material

Dimensioned drawing



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Address

PHOENIX CONTACT Deutschland GmbH
Flachsmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 12000
Fax +49 5235 3 41200
<http://www.phoenixcontact.de>



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