

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Phoenix Contact](#)
[1896970](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

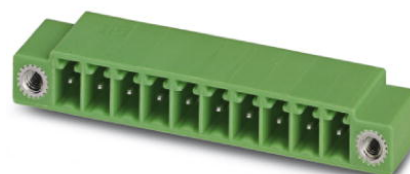


Extract from the online catalog

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


Order No.: 1896970

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1896970>

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Press-in

Commercial data	
GTIN (EAN)	 4 017918 166113
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	15.24 mm
Number of positions	5

EMC 1,5/ 5-GF-3,81 Order No.: 1896970

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1896970>

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

EMC 1,5/ 5-GF-3,81 Order No.: 1896970

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1896970>
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
---------	--------------------------	--

Plug/Adapter

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

Additional products

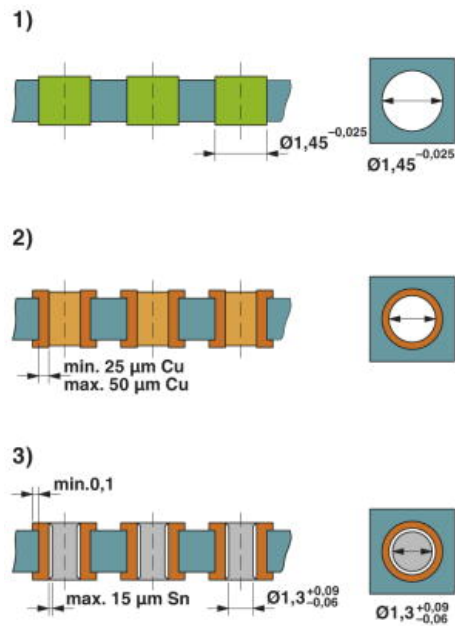
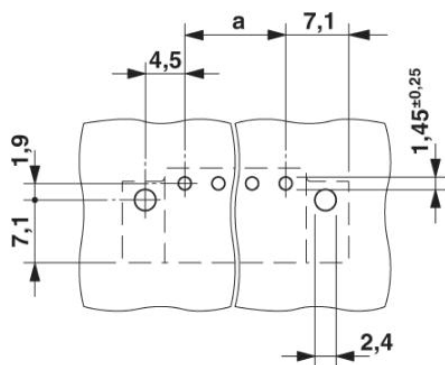
Item	Designation	Description
General		
1851261	FK-MCP 1,5/ 5-STF-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Metal surface: Sn
1850880	FRONT-MC 1,5/ 5-STF-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Metal surface: Sn
1827732	MC 1,5/ 5-STF-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Metal surface: Sn
1852396	MCC 1/ 5-STZF-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, 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)
1828375	MCVR 1,5/ 5-STF-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Metal surface: Sn
1828524	MCVW 1,5/ 5-STF-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Metal surface: Sn
1897571	QC 0,5/ 5-STF-3,81	Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Metal surface: Sn

EMC 1,5/ 5-GF-3,81 Order No.: 1896970

http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1896970

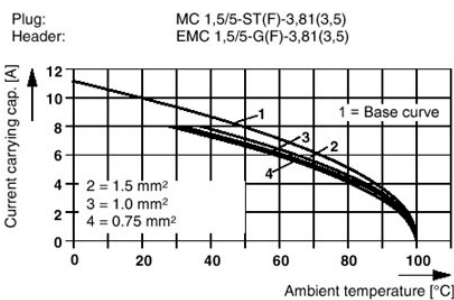
Diagrams/Drawings

Drilling plan/solder pad geometry

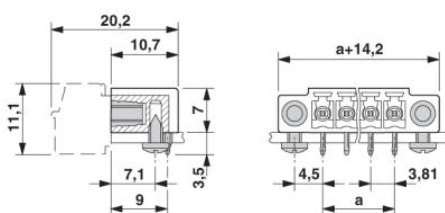


Drill hole layout in FR4 or EP-GC basic material

Diagram



Dimensioned drawing



EMC 1,5/ 5-GF-3,81 Order No.: 1896970

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1896970>

Address

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



© 2010 Phoenix Contact
Technical modifications reserved;