



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

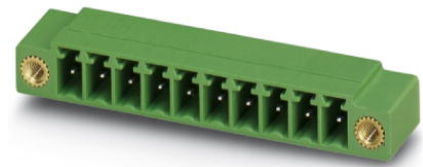
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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

Order No.: 1827871

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1827871>Header, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm,
Number of positions: 3, Color: green, Assembly: Soldering

Commercial data

EAN	4017918050320
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.002032 KG
Catalog page information	Page 175 (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	9.2 mm
Pitch	3.81 mm
Dimension a	7.62 mm
Number of positions	3
Pin dimensions	0,8 x 0,8 mm

Hole diameter	1.2 mm
Technical data	
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

Certificates / Approvals



Certification CB, CSA, CUL, GOST, UL, VDE-PZI

CSA

Nominal voltage U_N	300 V
Nominal current I_N	8 A

CUL

Nominal voltage U_N	300 V
Nominal current I_N	8 A

UL

Nominal voltage U_N	300 V
Nominal current I_N	8 A

Accessories

Item	Designation	Description
General		
1841174	MC 1,5/10-LWL 1,5-3,81	Fiber optics, Pitch: 3.81 mm, Number of positions: 10, Dimension a: 1.5 mm, Color: transparent
1841190	MC 1,5/10-LWL 2,3-3,81	Fiber optics, Pitch: 3.81 mm, Number of positions: 10, Dimension a: 2.3 mm, Color: transparent
1841213	MC 1,5/10-LWL 4-3,81	Fiber optics, Pitch: 3.81 mm, Number of positions: 10, Dimension a: 4 mm, Color: transparent

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

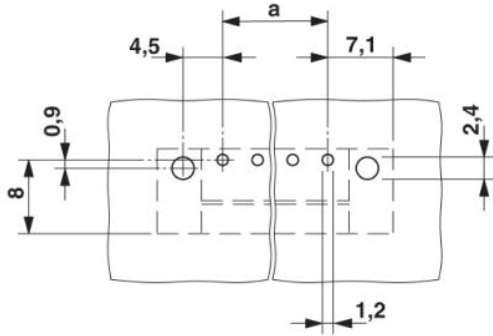
Plug/Adapter		
1734634	CP-MSTB	Keying profile, is inserted into the slot on the plug or inverted header, red insulating material

Additional products

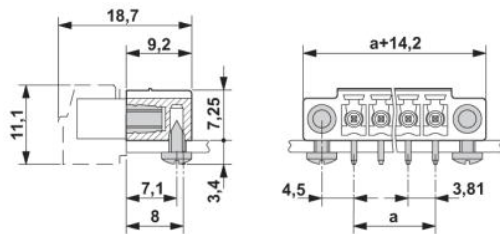
Item	Designation	Description
General		
1851245	FK-MCP 1,5/ 3-STF-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 3, Connection type: Spring-cage conn., Color: green
1850864	FRONT-MC 1,5/ 3-STF-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 3, Connection type: Screw connection, Color: green
1827716	MC 1,5/ 3-STF-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 3, Connection type: Screw connection, Color: green
1852370	MCC 1/ 3-STZF-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 3, Connection type: Crimp connection, Color: green
1828359	MCVR 1,5/ 3-STF-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 3, Connection type: Screw connection, Color: green
1828508	MCVW 1,5/ 3-STF-3,81	Plug component, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 3, Connection type: Screw connection, Color: green
1897555	QC 0,5/ 3-STF-3,81	Plug component, Nominal current: 6 A, Nom. voltage: 320 V, Pitch: 3.81 mm, Number of positions: 3, Connection type: Insulation displacement connection QUICKON, Color: green

Diagrams/Drawings

Drilling plan/solder pad geometry



Dimensioned drawing



Address

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



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