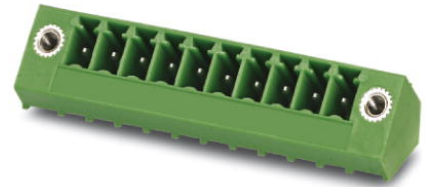


SMC 1,5/10-GF-3,81

Order No.: 1827509

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1827509>

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering

Commercial data

GTIN (EAN)	4017918114602
sales group	E100
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.00406 KG
Catalog page information	Page 177 (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	13.1 mm
Pitch	3.81 mm
Dimension a	34.29 mm
Number of positions	10
Pin dimensions	0,8 x 0,8 mm

Hole diameter	1.2 mm
Technical data	
Insulating material group	I
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)	320 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	PA
Inflammability class acc. to UL 94	V0
Nominal voltage, UL/CUL Use Group B	250 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

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

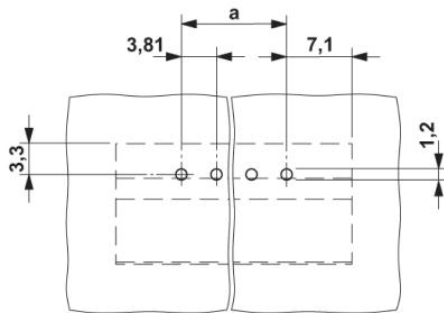
Item	Designation	Description
Marking		
0804109	SK 3,81/2,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 10-section marker strip, 14 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 140 terminal blocks
Plug/Adapter		
1734634	CP-MSTB	Keying profile, is inserted into the slot on the plug or inverted header, red insulating material

Additional products

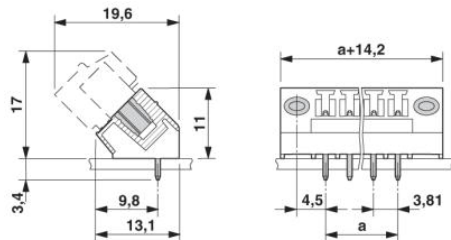
Item	Designation	Description
General		
1851313	FK-MCP 1,5/10-STF-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn
1850932	FRONT-MC 1,5/10-STF-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn
1827787	MC 1,5/10-STF-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn
1852448	MCC 1/10-STZF-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 5A/MCC-MT 0,2-0,35 (1859988); 8A/MCC-MT 0,5-1,0 (1859991)
1828427	MCVR 1,5/10-STF-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn
1828579	MCVW 1,5/10-STF-3,81	Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn
1897623	QC 0,5/10-STF-3,81	Plug component, Nominal current: 6 A, Rated voltage (III/2): 320 V, Pitch: 3.81 mm, Color: green, Metal surface: Sn

Diagrams/Drawings

Drilling plan/solder pad geometry



Dimensioned drawing



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