

Base strip - MC 1,5/ 6-GF-3,81 - 1827907

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Soldering



The figure shows a 10-position version of the product

Why buy this product

- ✓ Versions with engagement noses for locking plugs with self-locking flanges
- ✓ Low-profile pin strips with compact pitches
- ✓ Plug-in direction parallel and vertical to the PCB
- ✓ Individual position coding by inserting coding profiles



Key commercial data

Packing unit	100 pc
GTIN	 4 017918 050351
Weight per Piece (excluding packing)	2.7 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length	9.2 mm
Pitch	3.81 mm
Dimension a	19.05 mm
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.2 mm

General

Range of articles	MC 1,5/...-GF
Insulating material group	IIIa
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV

Base strip - MC 1,5/ 6-GF-3,81 - 1827907

Technical data

General

Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
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
Maximum load current	8 A
Insulating material	PBT
Inflammability class according to UL 94	V0
Color	green
Number of positions	6

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals

Approvals

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCE CB Scheme / CCA / EAC / cULus Recognized

Base strip - MC 1,5/ 6-GF-3,81 - 1827907

Approvals

Ex Approvals

Approvals submitted

Approval details

CSA 		
	B	D
Nominal current I _N	8 A	8 A
Nominal voltage U _N	300 V	300 V

UL Recognized 		
	B	D
Nominal current I _N	8 A	8 A
Nominal voltage U _N	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung 	
Nominal current I _N	8 A
Nominal voltage U _N	160 V

cUL Recognized 		
	B	D
Nominal current I _N	8 A	8 A
Nominal voltage U _N	300 V	300 V

IECEE CB Scheme 	
Nominal current I _N	8 A
Nominal voltage U _N	160 V

Base strip - MC 1,5/ 6-GF-3,81 - 1827907

Approvals

CCA	
Nominal current I _N	8 A
Nominal voltage U _N	160 V

EAC

cULus Recognized 
--

Accessories

Accessories

Coding element

Coding profile - CP-MSTB - 1734634



Coding profile, is inserted into the slot on the plug or inverted header, red insulating material

Labeled terminal marker

Marker card - SK 3,81/2,8:FORTL.ZAHLEN - 0804109



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 3.81 mm, Lettering field: 3.81 x 2.8 mm

Fiber optics - MC 1,5/10-LWL 1,5-3,81 - 1841174

Fiber optics, Pitch: 3.81 mm, Number of positions: 10, Dimension a: 1.5 mm, Color: transparent



Base strip - MC 1,5/ 6-GF-3,81 - 1827907

Accessories

Fiber optics - MC 1,5/10-LWL 2,3-3,81 - 1841190

Fiber optics, Pitch: 3.81 mm, Number of positions: 10, Dimension a: 2.3 mm, Color: transparent



Fiber optics - MC 1,5/10-LWL 4-3,81 - 1841213

Fiber optics, Pitch: 3.81 mm, Number of positions: 10, Dimension a: 4 mm, Color: transparent



Additional products

Printed-circuit board connector - MC 1,5/ 6-STF-3,81 - 1827745

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



Printed-circuit board connector - FRONT-MC 1,5/ 6-STF-3,81 - 1850893

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



Printed-circuit board connector - FK-MCP 1,5/ 6-STF-3,81 - 1851274

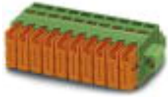
Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin



Base strip - MC 1,5/ 6-GF-3,81 - 1827907

Accessories

Printed-circuit board connector - QC 0,5/ 6-STF-3,81 - 1897584



Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 6, Pitch: 3.81 mm, Connection method: Insulation displacement connection QUICKON, Color: green, Contact surface: Tin

Printed-circuit board connector - MCC 1/ 6-STZF-3,81 - 1852406



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Connection method: Crimp connection, Color: green, 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)

Printed-circuit board connector - MCVW 1,5/ 6-STF-3,81 - 1828537



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

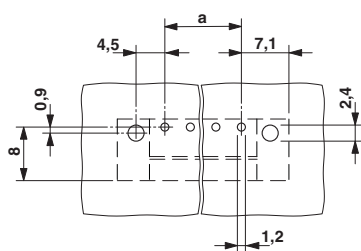
Printed-circuit board connector - MCVR 1,5/ 6-STF-3,81 - 1828388



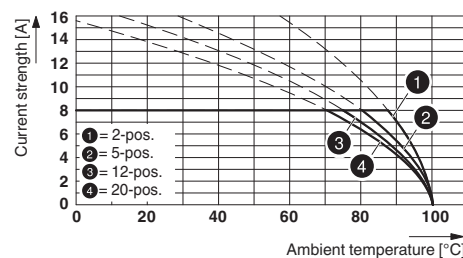
Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Drawings

Drilling diagram



Diagram



Type: MC 1,5/...-STF-3,81 with MC 1,5/...-GF-3,81

Base strip - MC 1,5/ 6-GF-3,81 - 1827907

Dimensioned drawing

