

Base strip - MCD 1,5/10-G1F-3,81 - 1842995

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 10, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.


The figure shows a 10-pos. version with 20 contacts

Why buy this product

- Low-profile double-level pin strips with high contact density
- Plug-in direction parallel to the PCB



Key Commercial Data

Packing unit	50 pc
GTIN	 4 017918 112196
Weight per Piece (excluding packing)	14.71 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length	21.9 mm
Pitch	3.81 mm
Dimension a	34.29 mm
Width	48.49 mm
Constructional height	22.7 mm
Height	26.2 mm
Length of the solder pin	3.5 mm
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.2 mm

General

Range of articles	MCD 1,5/...-G1F
Insulating material group	I

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Technical data

General

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/3)	160 V
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
Maximum load current	8 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	10

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

Base strip - MCD 1,5/10-G1F-3,81 - 1842995

Approvals

Approvals

CSA / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCEB Scheme / CCA / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

CSA		
	B	D
Nominal current IN	8 A	8 A
Nominal voltage UN	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung	
Nominal current IN	8 A
Nominal voltage UN	160 V

cUL Recognized		
	B	D
Nominal current IN	8 A	8 A
Nominal voltage UN	300 V	300 V

IECCEB Scheme	
Nominal current IN	8 A
Nominal voltage UN	160 V

CCA	
Nominal current IN	8 A

Base strip - MCD 1,5/10-G1F-3,81 - 1842995

Approvals

Nominal voltage UN	160 V
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EAC

cULus Recognized		
	B	D
Nominal current IN	8 A	8 A
Nominal voltage UN	300 V	300 V

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

Additional products

Printed-circuit board connector - MCVW 1,5/10-STF-3,81 - 1828579



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 10, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Base strip - MCD 1,5/10-G1F-3,81 - 1842995

Accessories

Printed-circuit board connector - MC 1,5/10-STF-3,81 - 1827787

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 10, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



Printed-circuit board connector - MCVR 1,5/10-STF-3,81 - 1828427

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 10, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



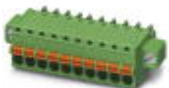
Printed-circuit board connector - MCC 1/10-STZF-3,81 - 1852448

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 10, 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 - FK-MCP 1,5/10-STF-3,81 - 1851313

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 10, Pitch: 3.81 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin



Printed-circuit board connector - QC 0,5/10-STF-3,81 - 1897623

Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 10, Pitch: 3.81 mm, Connection method: Insulation displacement connection QUICKON, Color: green, Contact surface: Tin



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Accessories

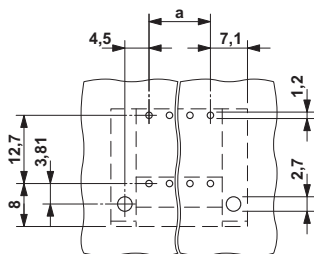
Printed-circuit board connector - FRONT-MC 1,5/10-STF-3,81 - 1850932

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 10, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

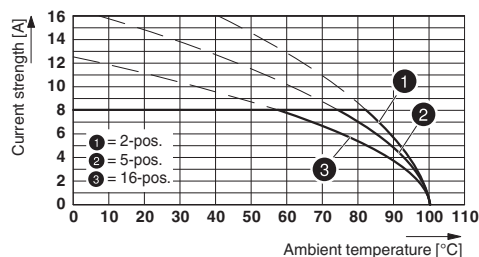


Drawings

Drilling diagram



Diagram



Type: MC 1,5/...-STF-3,81 with MCD 1,5/...-G1F-3,81

Dimensional drawing

