

Base strip - MC 1,5/11-G-3,81 THT - 1908855

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 11, Pitch: 3.81 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"



The figure shows a 10-position version of the product



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	4.48 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length	9.2 mm
Pitch	3.81 mm
Dimension a	38.1 mm
Width	43.3 mm
Constructional height	7.25 mm
Height	10.65 mm
Length of the solder pin	3.4 mm
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.4 mm

General

Range of articles	MC 1,5/...-G-THT
Insulating material group	IIIa

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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)	250 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	8 A
Maximum load current	8 A
Insulating material	PA-GF
Flammability rating according to UL 94	V0
Color	black
Number of positions	11

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

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

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

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Classifications

UNSPSC

UNSPSC 13.2	39121409
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Approvals

Approvals


Approvals


VDE Gutachten mit Fertigungsüberwachung / IEC60335 CB Scheme / CCA / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

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

IECEE CB Scheme 	
Nominal current IN	8 A
Nominal voltage UN	160 V

CCA	
Nominal current IN	8 A
Nominal voltage UN	160 V

EAC	
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Approvals

cULus Recognized		
	B	D
Nominal current I _N	8 A	8 A
Nominal voltage U _N	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

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



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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 - FMC 1,5/11-ST-3,81 - 1748066

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 11, Pitch: 3.81 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin



Printed-circuit board connector - MC 1,5/11-ST-3,81 - 1803662

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 11, Pitch: 3.81 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



Printed-circuit board connector - MCVW 1,5/11-ST-3,81 - 1827062

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 11, Pitch: 3.81 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



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Accessories

Printed-circuit board connector - MCVR 1,5/11-ST-3,81 - 1827211



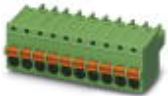
Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 11, Pitch: 3.81 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - FRONT-MC 1,5/11-ST-3,81 - 1850754



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 11, Pitch: 3.81 mm, Connection method: Front screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FK-MCP 1,5/11-ST-3,81 - 1851135



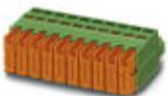
Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 11, Pitch: 3.81 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MCC 1/11-STZ-3,81 - 1852260



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 11, 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 - QC 0,5/11-ST-3,81 - 1897487

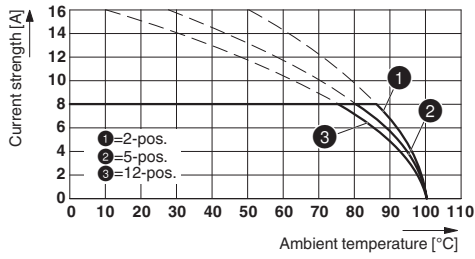


Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 11, Pitch: 3.81 mm, Connection method: Displacement connection, Color: green, Contact surface: Tin

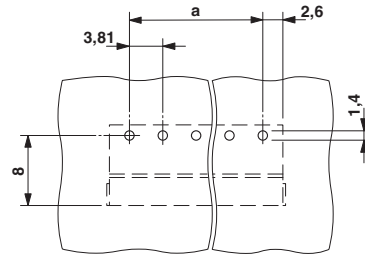
Drawings

Base strip - MC 1,5/11-G-3,81 THT - 1908855

Diagram

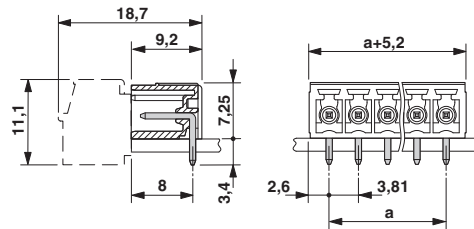


Drilling diagram



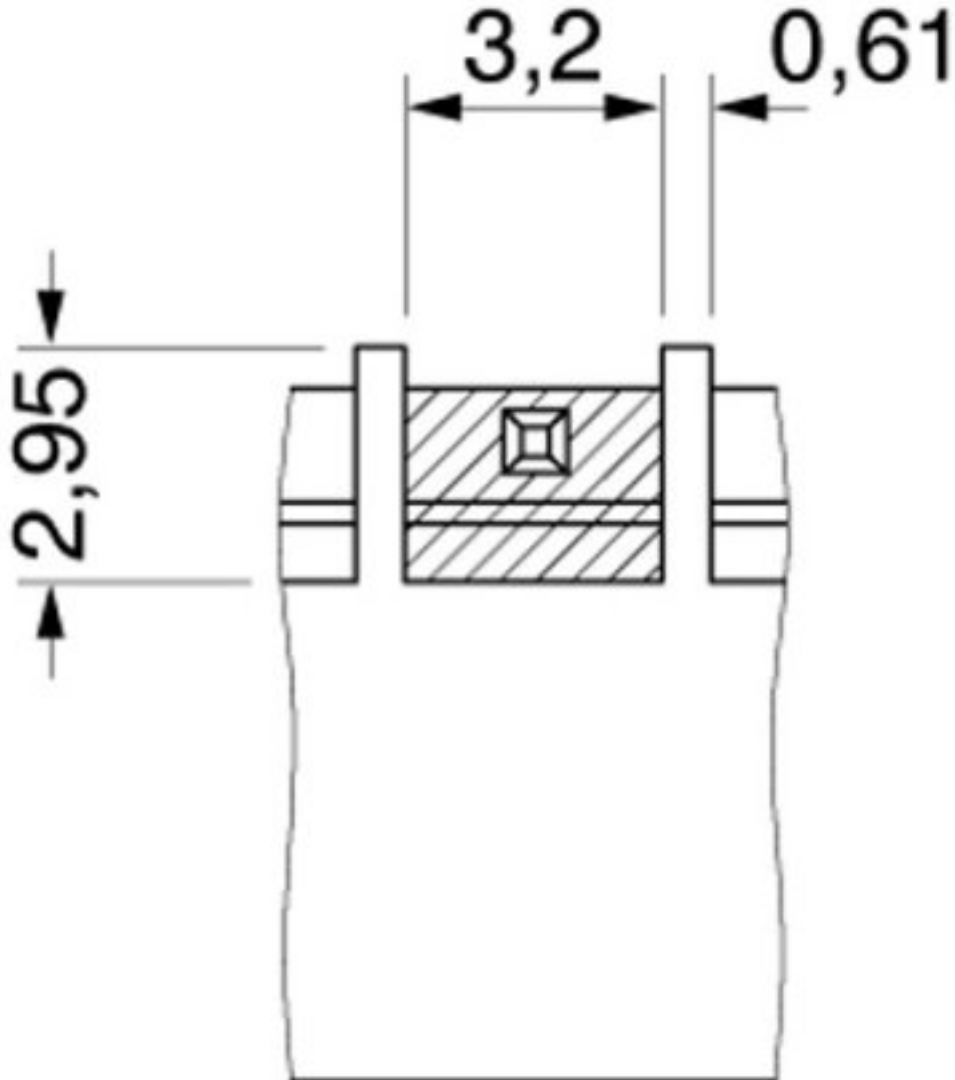
Type: MC 1,5/...-ST-3,81 with MC 1,5/...-G-3,81 THT

Dimensional drawing



Base strip - MC 1,5/11-G-3,81 THT - 1908855

Dimensional drawing



Bottom view, free space for solder paste, 0.3 mm deep

Mouser Electronics

Authorized Distributor

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