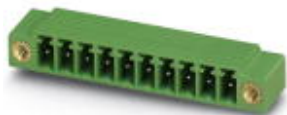


## Base strip - MC 1,5/ 4-GF-3,81 - 1827884

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering




The figure shows a 10-position version of the product

### Why buy this product

- Well-known mounting principle allows worldwide use
- Screwable flange for superior mechanical stability
- Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



### Key Commercial Data

Packing unit	250 STK
GTIN	 4 017918 050337
GTIN	4017918050337
Weight per Piece (excluding packing)	2.140 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	9.2 mm
Pitch	3.81 mm
Dimension a	11.43 mm
Width	25.63 mm
Constructional height	6.9 mm
Height	10.3 mm
Length of the solder pin	3.4 mm
Pin dimensions	0,8 x 0,8
Hole diameter	1.2 mm

# Base strip - MC 1,5/ 4-GF-3,81 - 1827884

## Technical data

### 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
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
Flammability rating according to UL 94	V0
Color	green
Number of positions	4

### Standards and Regulations

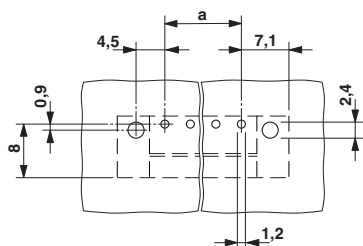
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

### Environmental Product Compliance

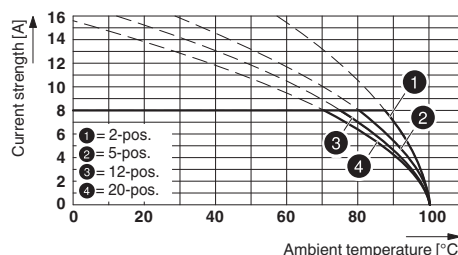
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

Drilling diagram



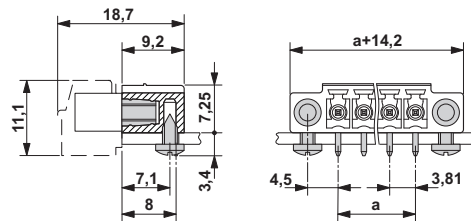
Diagram



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

# Base strip - MC 1,5/ 4-GF-3,81 - 1827884

Dimensional drawing



## 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
eCl@ss 9.0	27440402

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637
ETIM 6.0	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 / VDE Gutachten mit Fertigungsüberwachung / IECCEB Scheme / CCA / cULus Recognized / EAC


#### Ex Approvals


# Base strip - MC 1,5/ 4-GF-3,81 - 1827884

## Approvals


### Approval details


CSA		<a href="http://www.csagroup.org/services/testing-and-certification/certified-product-listing/">http://www.csagroup.org/services/testing-and-certification/certified-product-listing/</a>	13631
		B	D
Nominal current IN		8 A	8 A
Nominal voltage UN		300 V	300 V

VDE Gutachten mit Fertigungsüberwachung		<a href="http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx">http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx</a>	40011723
Nominal current IN		8 A	
Nominal voltage UN		160 V	

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-56063-B1B2
Nominal current IN		8 A	
Nominal voltage UN		160 V	

CCA			CCA/ DE1 34219
Nominal current IN		8 A	
Nominal voltage UN		160 V	

cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-20110128
		B	D
Nominal current IN		8 A	8 A
Nominal voltage UN		300 V	300 V

EAC			B.01742
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## Accessories

### Accessories

## Base strip - MC 1,5/ 4-GF-3,81 - 1827884

### Accessories

#### Coding element

Coding profile - CP-MSTB - 1734634



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

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#### 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

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



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



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



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#### Additional products

## Base strip - MC 1,5/ 4-GF-3,81 - 1827884

### Accessories

#### Printed-circuit board connector - MC 1,5/ 4-STF-3,81 - 1827729

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.81 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



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#### Printed-circuit board connector - MCVR 1,5/ 4-STF-3,81 - 1828362

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.81 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



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#### Printed-circuit board connector - MCVW 1,5/ 4-STF-3,81 - 1828511

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.81 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



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#### Printed-circuit board connector - FRONT-MC 1,5/ 4-STF-3,81 - 1850877

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.81 mm, Connection method: Front screw connection, Color: green, Contact surface: Tin



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#### Printed-circuit board connector - FK-MCP 1,5/ 4-STF-3,81 - 1851258

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.81 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin



## Base strip - MC 1,5/ 4-GF-3,81 - 1827884

### Accessories

Printed-circuit board connector - MCC 1/ 4-STZF-3,81 - 1852383

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.81 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] data: 5A/MCC-MT 0,2-0,35 (1859988); 8A/MCC-MT 0,5-1,0 (1859991)



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Printed-circuit board connector - QC 0,5/ 4-STF-3,81 - 1897568

Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 4, Pitch: 3.81 mm, Connection method: Displacement connection, Color: green, Contact surface: Tin

