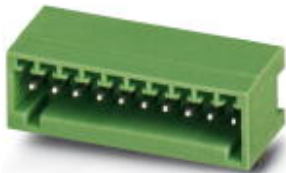


Base strip - MC 0,5/12-G-2,5 - 1881545

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(<http://phoenixcontact.com/download>)

Header, nominal current: 4 A, rated voltage (III/2): 160 V, number of positions: 12, pitch: 2.5 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



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	 4 017918 156787
GTIN	4017918156787
Weight per Piece (excluding packing)	2.730 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length	10.1 mm
Pitch	2.5 mm
Dimension a	27.50 mm
Width	31.90 mm
Constructional height	8.1 mm
Height	11.9 mm

Base strip - MC 0,5/12-G-2,5 - 1881545

Technical data

Dimensions

Length of the solder pin	3.8 mm
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.2 mm

General

Range of articles	MC 0,5/...-G
Insulating material group	I
Rated surge voltage (III/3)	1.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	80 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	4 A
Maximum load current	4 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	12

Standards and Regulations

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

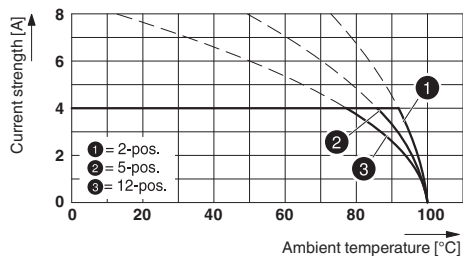
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

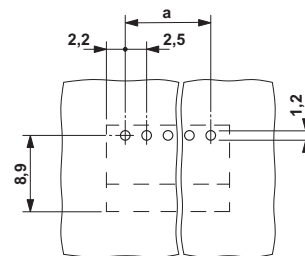
Drawings

Base strip - MC 0,5/12-G-2,5 - 1881545

Diagram

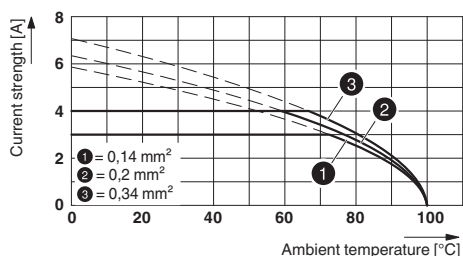


Drilling diagram

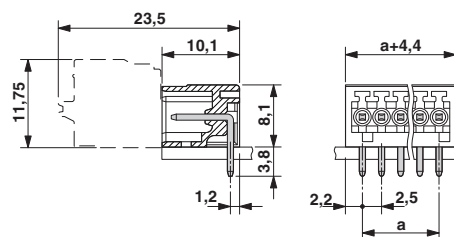


Type: FK-MC 0,5/...-ST-2,5 with MC 0,5/...-G-2,5

Diagram



Dimensional drawing



Type: FK-MC 0,5/...-ST-2,5 with MC 0,5/...-G-2,5

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

Base strip - MC 0,5/12-G-2,5 - 1881545

Classifications

UNSPSC

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

Approvals

Approvals

Approvals

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

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
		B	
Nominal current I _N		4 A	
Nominal voltage U _N		125 V	

VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/ VDE-approved-products/Pages/Online-Search.aspx	40013394
Nominal current I _N		4 A	
Nominal voltage U _N		80 V	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
		B	
Nominal current I _N		4 A	

Base strip - MC 0,5/12-G-2,5 - 1881545

Approvals

	B
Nominal voltage UN	125 V

IECEE CB Scheme	CB scheme	http://www.iecee.org/	DE1-56068-B1B2
Nominal current IN	4 A		
Nominal voltage UN	80 V		

CCA	CCA/ DE1 34250
Nominal current IN	4 A
Nominal voltage UN	80 V

EAC	EAC	B.01742
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cULus Recognized	cULus	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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Accessories

Accessories

Coding element

Coding profile - CP-MC 0,5 - 1881435

Coding profile, is inserted into the groove in the header, red insulating material



Labeled terminal marker

Base strip - MC 0,5/12-G-2,5 - 1881545

Accessories

Marker card - SK 2,54/2,8:FORTL.ZAHLEN - 0804853



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, Mounting type: Adhesive, for terminal block width: 2.54 mm, Lettering field: 2.54 x 2.8 mm

Additional products

Printed-circuit board connector - FK-MC 0,5/12-ST-2,5 - 1881422



Plug component, nominal current: 4 A, rated voltage (III/2): 160 V, number of positions: 12, pitch: 2.5 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin