

# Printed-circuit board connector - MC 0,5/ 4-G-2,5 THT - 1963447

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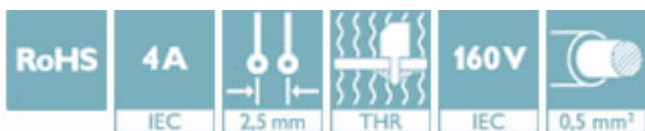
PCB headers, nominal current: 4 A, rated voltage (III/2): 160 V, number of positions: 4, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"




The figure shows a 10-position version of the product

## Why buy this product

- Designed for integration into the SMT soldering process



## Key Commercial Data

Packing unit	50 STK
Minimum order quantity	50 STK
GTIN	 4 017918 912277
GTIN	4017918912277

## Technical data

### Dimensions

Length [ l ]	10.1 mm
Width	11.9 mm
Pitch	2.5 mm
Dimension a	7.5 mm
Width [ w ]	11.9 mm
Height [ h ]	11.9 mm
Constructional height	8.1 mm
Length of the solder pin	3.8 mm
Pin dimensions	0.8 x 0.8 mm
Length	10.1 mm

### General

Range of articles	MC 0,5/...-G-THT
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## Technical data

### General

Insulating material group	IIIa
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)	32 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	160 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	black
Number of positions	4

### Standards and Regulations

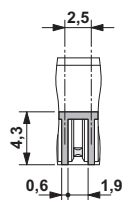
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

### Environmental Product Compliance

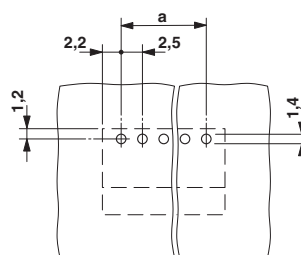
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Dimensional drawing

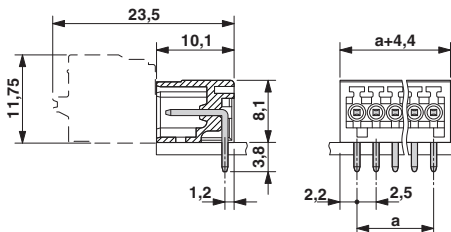


Drilling diagram



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Dimensional drawing



## Approvals

### Approvals

Approvals

VDE Gutachten mit Fertigungsüberwachung / IEC60320 CB Scheme / CCA / EAC / cULus Recognized

Ex Approvals

### Approval details

VDE Gutachten mit Fertigungsüberwachung		<a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a>	40013394
Nominal voltage UN	32 V		
Nominal current IN	4 A		


IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-56068-B1B2
Nominal voltage UN	32 V		
Nominal current IN	4 A		

CCA	CCA/ DE1 34250		
Nominal voltage UN	32 V		
Nominal current IN	4 A		

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## Approvals

EAC		B.01742
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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>	E60425-19930913
		B	
Nominal voltage UN		125 V	
Nominal current IN		4 A	

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>