

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

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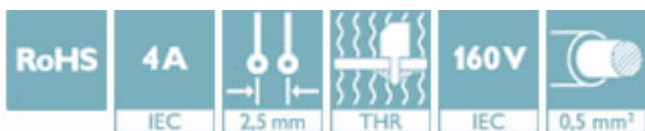
PCB headers, nominal current: 4 A, rated voltage (III/2): 160 V, number of positions: 4, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"




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
Weight per Piece (excluding packing)	1.140 g
Custom tariff number	85366930
Country of origin	Germany
Note	Made to Order (non-returnable)

## 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

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## Technical data

### Dimensions

Length	10.1 mm
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### General

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

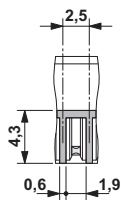
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

### Environmental Product Compliance

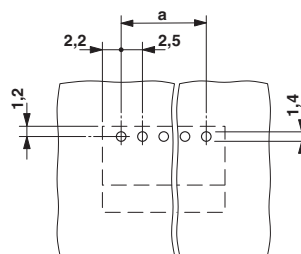
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Dimensional drawing

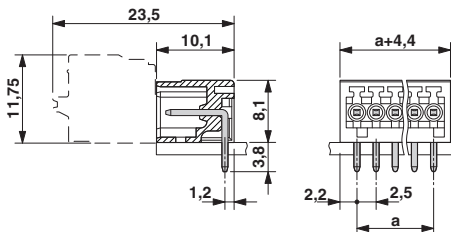


Drilling diagram



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Dimensional drawing



## Classifications

### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
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

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#### Approvals

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

#### Ex Approvals

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

## 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		

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
Nominal voltage UN	125 V		
Nominal current IN	4 A		

### Accessories

Accessories

Coding element

Coding profile - CP-MC 0,5 - 1881435

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



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### Accessories

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#### Labeled terminal marker

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 size: 2.54 x 2.8 mm

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#### Additional products

Printed-circuit board connector - FK-MC 0,5/ 4-ST-2,5 - 1881341



PCB connector, nominal current: 4 A, rated voltage (III/2): 160 V, number of positions: 4, pitch: 2.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

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