

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

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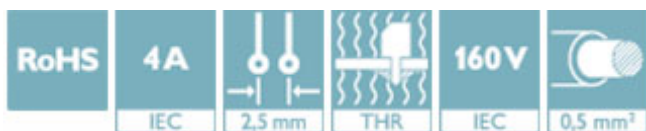


The figure shows a 10-position version of the product

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"

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

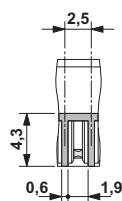
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

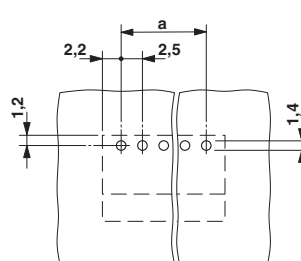
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Dimensional drawing

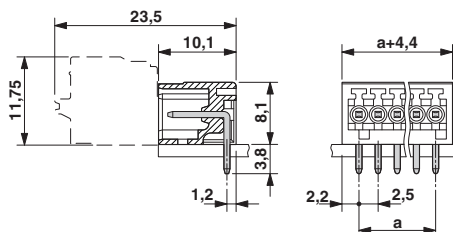


Drilling diagram



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

Ex Approvals

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Approvals

Approval details

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

IECEE CB Scheme		http://www.iecee.org/	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		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	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

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

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