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

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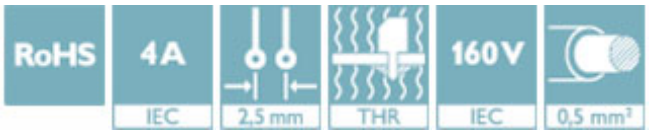


The figure shows a 10-position version of the product

PCB headers, nominal current: 4 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm², number of positions: 4, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 3.8 mm, User information and design recommendations for through hole reflow technology can be found under “Downloads”

Your advantages

- Designed for integration into the SMT soldering process



Key Commercial Data

Packing unit	50 pc
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
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
Insulating material group	IIIa

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Technical data

General

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

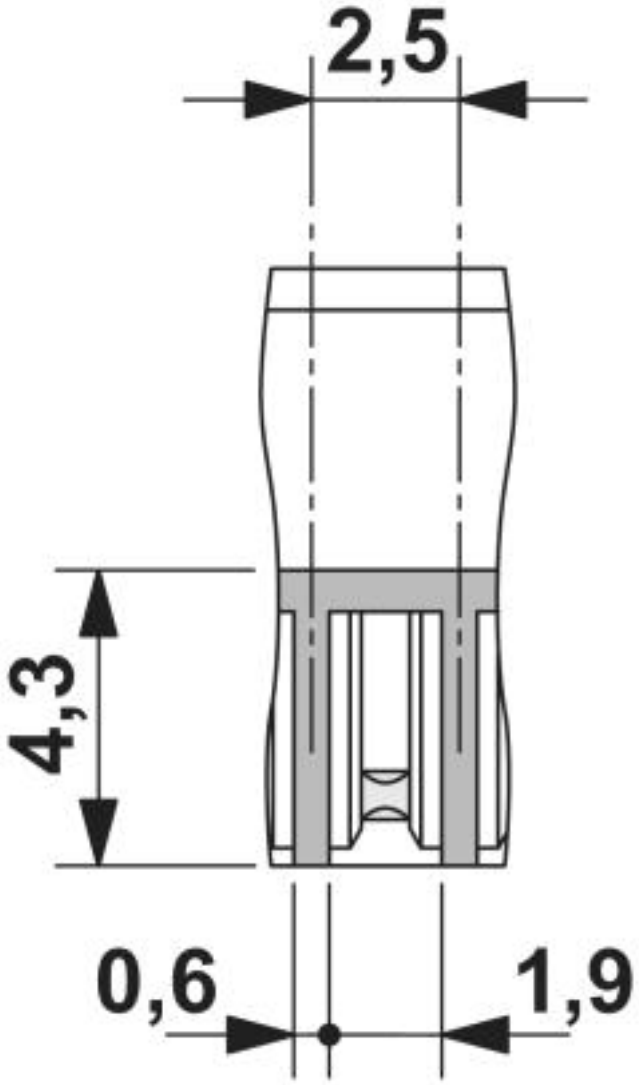
Environmental Product Compliance

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

Drawings

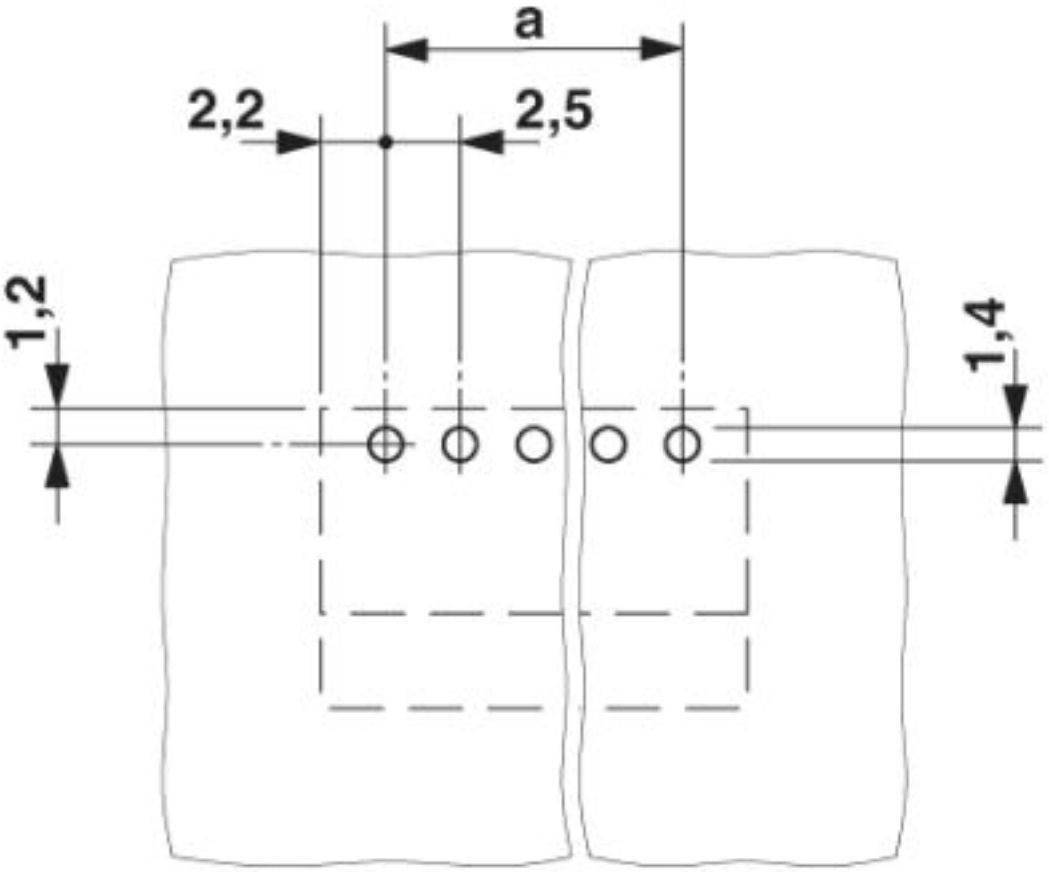
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Dimensional drawing



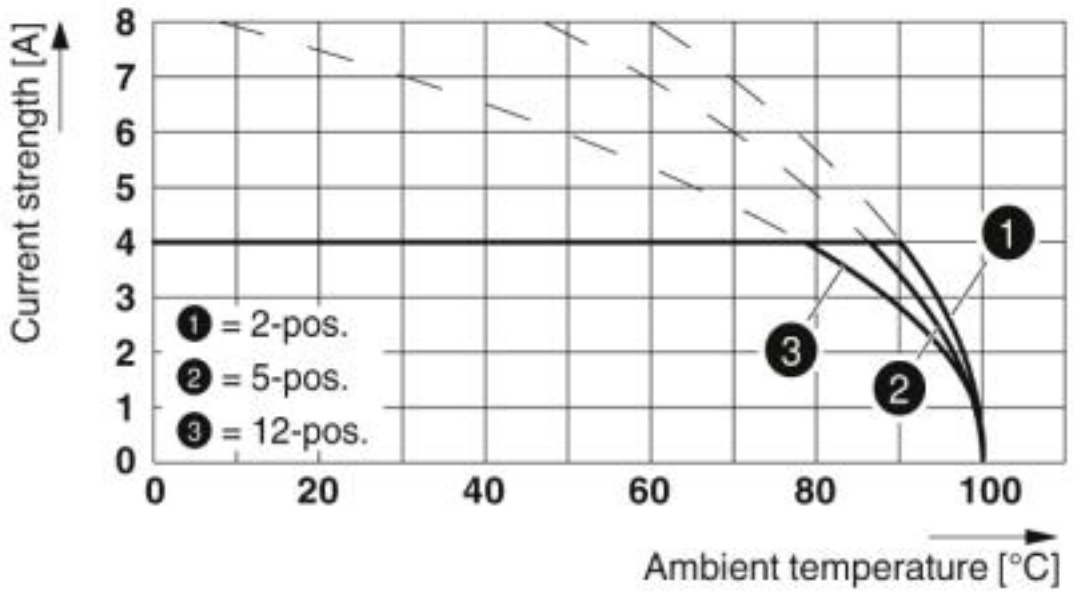
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Drilling diagram



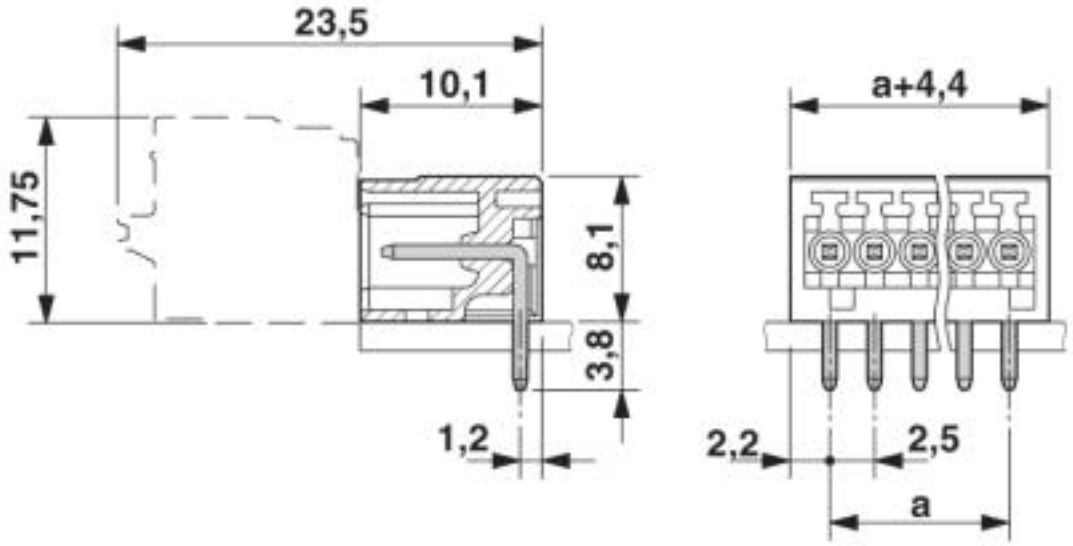
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Diagram



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

Dimensional drawing



Classifications

eCl@ss

eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700

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Classifications

eCl@ss

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
ETIM 7.0	EC002637

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409
UNSPSC 18.0	39121409
UNSPSC 19.0	39121409
UNSPSC 20.0	39121409
UNSPSC 21.0	39121409

Approvals

Approvals

Approvals

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

Ex Approvals

Approval details

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

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Approvals

IECEE CB Scheme	CB scheme	http://www.iecee.org/	DE1-56068-B1B2

Nominal voltage UN	32 V
Nominal current IN	4 A

VDE Gutachten mit Fertigungsüberwachung	VDE	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

EAC	EAC	B.01687

cULus Recognized	c UL us	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19930913

	B
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

Labeled terminal marker

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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 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, nominal cross section: 0.5 mm², number of positions: 4, pitch: 2.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

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