



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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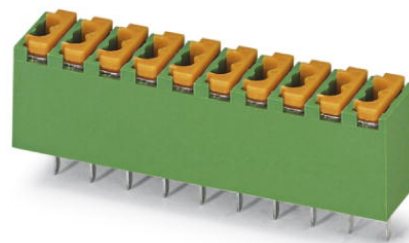
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## FK-MPT 0,5/10-3,5


Order No.: 1891140

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1891140>

PC terminal block, Nominal current: 4 A, Nom. voltage: 160 V, Pitch: 3.5 mm, Number of positions: 10, Type of connection: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 90 °, Color: green

### Commercial data

GTIN (EAN)	 4 017918 169664
Note	Made-to-order
sales group	E411
Pack	50 pcs.
Customs tariff	85366990
Catalog page information	Page 451 (CC-2009)

### Product notes

WEEE/RoHS-compliant since:  
01/01/2003

<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

### Technical data

#### Dimensions / positions

Length	7 mm
Pitch	3.5 mm
Dimension a	31.5 mm

Number of positions	10
Pin dimensions	0,4 x 0,9 mm
Hole diameter	1 mm

#### Technical data

Range of articles	FK-MPT 0,5/..-V
Insulating material group	IIIa
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	250 V
Rated voltage (II/2)	250 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	4 A
Nominal cross section	0.5 mm <sup>2</sup>
Maximum load current	4 A (with 0.5 mm <sup>2</sup> conductor cross section)
Insulating material	PBT
Inflammability class acc. to UL 94	V0
Stripping length	6.5 mm
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	4 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	4 A

#### Connection data

Conductor cross section solid min.	0.12 mm <sup>2</sup>
Conductor cross section solid max.	0.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	20
Minimum AWG according to UL/CUL	28
Maximum AWG according to UL/CUL	20

#### Certificates / Approvals



Certification CCA, CUL, GOST, SEV, UL

### Accessories

Item	Designation	Description
<b>General</b>		
1905421	FK-MPT 0,5/10-IC-3,5	Header, Nominal current: 3 A, Rated voltage (III/2): 250 V, Number of positions: 10, Pitch: 3.5 mm, Color: black, Metal surface: Sn, Assembly: Soldering, The touch-protected basic strip, serves to accommodate the FK-MPT 0,5 PCB terminal block.
1905573	FK-MPT 0,5/10-ICV-3,5	Header, Nominal current: 3 A, Rated voltage (III/2): 250 V, Number of positions: 10, Pitch: 3.5 mm, Color: black, Metal surface: Sn, Assembly: Soldering, The touch-protected basic strip, serves to accommodate the FK-MPT 0,5 PCB terminal block.

### Tools

1204504	SZF 0-0,4X2,5	Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip
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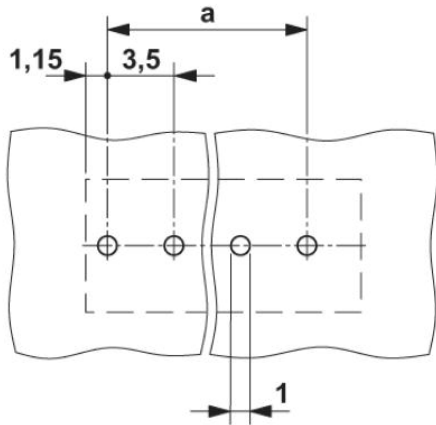
### Additional products

Item	Designation	Description
<b>General</b>		
1905421	FK-MPT 0,5/10-IC-3,5	Header, Nominal current: 3 A, Rated voltage (III/2): 250 V, Number of positions: 10, Pitch: 3.5 mm, Color: black, Metal surface: Sn, Assembly: Soldering, The touch-protected basic strip, serves to accommodate the FK-MPT 0,5 PCB terminal block.
1905573	FK-MPT 0,5/10-ICV-3,5	Header, Nominal current: 3 A, Rated voltage (III/2): 250 V, Number of positions: 10, Pitch: 3.5 mm, Color: black, Metal surface: Sn, Assembly: Soldering, The touch-protected basic strip, serves to accommodate the FK-MPT 0,5 PCB terminal block.

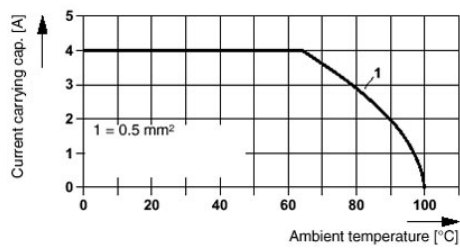


## Diagrams/Drawings

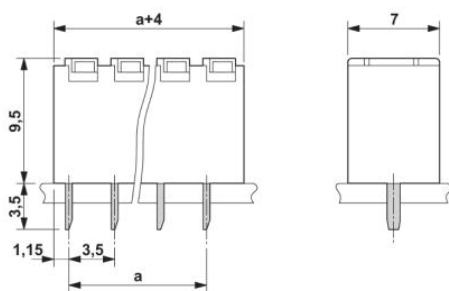
Drilling plan/solder pad geometry



Diagram



Dimensioned drawing



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