

INDUSTRIAL COMPONENT DATA

FK-MPT 0,5/ 9-ST-3,5 BD:1-9 1710654 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: FK-MPT 0,5/ 9-ST-3,5 BD:1-9



Manufacturer	PHOENIX CONTACT
MPN / Reference	FK-MPT 0,5/ 9-ST-3,5 BD:1-9
Catalog number	1710654
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-900731DE1E
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Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 0.5 mm², color: green, nominal current: 4 A, nominal voltage (III/2): 250 V, contact surface: Tin, contact type: Female, number of potentials: 9, number of rows: 1, number of poles: 9, number of connections: 18, article family: FK-MPT 0,5/..-ST, pitch: 3.5mm, connection type: Push-in spring connection, conductor/printed circuit board connection direction: 0°, pin arrangement: Linear pin arrangement, plug-in system: COMBICON PST 1.0, lock: without, fixing type: without, packaging type: boxed

PCB connector, nominal cross section: 0.5 mm², color: green, nominal current: 4 A, rated voltage (III/2): 250 V, contact surface: Sn, contact connection type: Socket, number of potentials: 9, number of rows: 1, number of positions: 9, number of connections: 18, product range: FK-MPT 0,5/..-ST, pitch: 3.5 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0°, pin layout: Linear pinning, plug-in system: COMBICON PST 1,0, locking: without, mounting: without, type of packaging: packed in cardboard

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path PHOENIX CONTACT > PCB Connectors (PCC)

Additional Product Information

Technical dataProduct propertiesProduct type PCB connector

Product family FK-MPT 0,5/..-ST

Product line COMBICON Connectors XS

Number of positions 9

Pitch 3.5 mm

Number of connections 18
Number of rows 1
Number of potentials 9
Mounting flange without
Pin layout Linear pinning
Data management status
Article revision 02
Electrical propertiesNominal current I_N 4 A
Nominal voltage U_N 250 V
Rated voltage (III/3) 160 V
Rated surge voltage (III/3) 2.5 kV
Rated voltage (III/2) 250 V
Rated surge voltage (III/2) 2.5 kV
Rated voltage (II/2) 250 V
Rated surge voltage (II/2) 2.5 kV
Connection dataInterlock
Locking type without
Mounting flange without
Conductor connection
Connection method Push-in spring connection
Conductor/PCB connection direction 0 °
Conductor cross section rigid 0.12 mm² ... 0.5 mm²
Conductor cross section AWG 26 ... 20
Stripping length 6.5 mm
Material specificationsMaterial data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu alloy
Surface characteristics hot-dip tin-plated
Metal surface terminal point (top layer) Tin (5 - 7 µm Sn)
Metal surface terminal point (middle layer) Nickel (2 - 3 µm Ni)
Metal surface contact area (top layer) Tin (5 - 7 µm Sn)
Metal surface contact area (middle layer) Nickel (2 - 3 µm Ni)
Material data - housing
Color (Housing) green (6021)
Insulating material PBT
Insulating material group IIIa
CTI according to IEC 60112 225
Flammability rating according to UL 94 V0
Material...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FK-MPT 0,5/ 9-ST-3,5 BD:1-9 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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