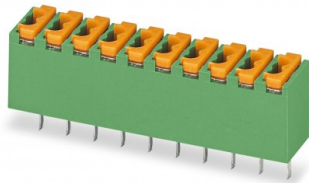


INDUSTRIAL COMPONENT DATA

FK-MPT 0,5/10-3,5 BD:10-1SO 1706623 PHOENIX CONTACT

Terminal block for printed circuit board, nominal curren..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FK-MPT 0,5/10-3,5 BD:10-1SO



Manufacturer	PHOENIX CONTACT
MPN / Reference	FK-MPT 0,5/10-3,5 BD:10-1SO
Catalog number	1706623
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-2B8399D0BF
Generated	2026-08-06

Product Overview

Terminal block for printed circuit board, nominal current: 4 A, nominal voltage: 250 V, pitch: 3.5 mm, number of poles: 10, connection type: Push-in spring connection, mounting: Wave soldering, driver/printed circuit board connection direction: 90 °, color: green

Terminal block for printed circuit board, nominal current: 4 A, nominal voltage (III/2): 250 V, nominal section: 0.5 mm², number of potentials: 10, number of rows: 1, number of poles per row: 10, family of articles: FK-MPT 0.5/.. -V, pitch: 3.5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/printed circuit board connection direction: 90 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 1, packaging type: boxed

Printed circuit board terminal, nominal current: 4 A, rated voltage (III/2): 250 V, nominal cross section: 0.5 mm², number of potentials: 10, number of rows: 1, number of positions per row: 10, product range: FK-MPT 0,5/..-V, pitch: 3.5 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm, number of solder pins per potential: 1, 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 Printed circuit board terminal

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

Product line COMBICON Terminals XS

Type PC termination block
Number of positions 10
Pitch 3.5 mm
Number of connections 20
Number of rows 1
Number of potentials 10
Pin layout Linear pinning
Solder pins per potential 1
Data management status
Article revision 01
Electrical propertiesNominal current IN 4 A
Nominal voltage UN 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 dataConductor connection
Connection method Push-in spring connection
Conductor cross section rigid 0.12 mm² ... 0.5 mm²
Conductor cross section AWG 26 ... 20
Stripping length 6.5 mm
MountingMounting type Wave soldering
Pin layout Linear pinning
Material specificationsMaterial data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material Steel/copper
Surface characteristics Tin-plated
Metal surface terminal point (top layer) Tin (5 - 7 µm Sn)
Metal surface terminal point (middle layer) Copper (2 - 3 µm Cu)
Metal surface soldering area (top layer) Tin (5 - 7 µm Sn)
Metal surface soldering area (middle layer) Copper (2 - 3 µm Cu)
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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FK-MPT 0,5/10-3,5 BD:10-1SO 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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