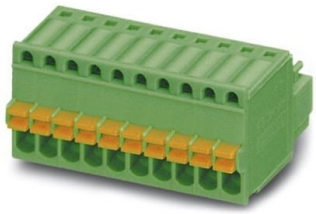
INDUSTRIAL COMPONENT DATA

FK-MC 0,5/ 4-ST-2,5 BD:4-1SO 1806406 PHOENIX CONTACT PCB connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: FK-MC 0,5/ 4-ST-2,5 BD:4-1SO



Manufacturer	PHOENIX CONTACT
MPN / Reference	FK-MC 0,5/ 4-ST-2,5 BD:4-1SO
Catalog number	1806406
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-C155D8C493
Generated	2026-11-19

Product Overview

PCB connector
Connector for printed circuit board, nominal section: 0.5 mm², color: green, nominal current: 4 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Female, number of potentials: 4, number of rows: 1, number of poles: 4, number of connections: 4, family of articles: FK-MC 0.5/.. -ST, pitch: 2.5mm, connection type: Push-in spring connection, driver/printed circuit board connection direction: 0°, plug-in system: COMBICON FK-MC 0.5, lock: without, fixing type: without, packaging type: boxed

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

Key Commercial Data
Orderkey 1806406
Packing unit 1
GTIN 4046356713467
Custom tariff number 85366990
Item properties
Brief article description PCB connector
Plug-in system MICRO COMBICON - FK-MC 0,5
Type of contact Female connector
Range of articles FK-MC 0,5/..-ST

Pitch 2.5 mm
Number of positions 4
Connection method Push-in spring connection
Locking without
Number of levels 1
Number of connections 4
Number of potentials 4
Electrical parameters
Rated current 4 A
Rated insulation voltage (III/2) 160 V
Rated surge voltage (III/2) 2.5 kV
Connection capacity
Conductor cross section solid 0.14 mm² ... 0.5 mm²
Conductor cross section flexible 0.14 mm² ... 0.5 mm²
Conductor cross section AWG / kcmil 26 ... 20
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 0.5 mm²
Cylindrical gauge a x b / diameter - / 1.4 mm
Stripping length 8 mm
Material 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 (4 - 8 µm Sn)
Metal surface contact area (top layer) Tin (4 - 8 µm Sn)
Material data - housing
Insulating material PA
Insulating material group I
CTI according to IEC 60112 600
Flammability rating according to UL 94 V0
Glow wire flammability index GWFI according to EN 60695-2-12 850
Glow wire ignition temperature GWIT according to EN 60695-2-13 775
Temperature for the ball pressure test according to E...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FK-MC 0,5/ 4-ST-2,5 BD:4-1SO 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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