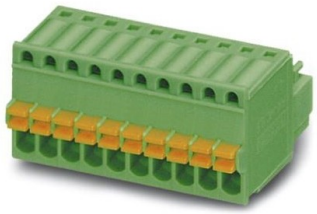
INDUSTRIAL COMPONENT DATA

FK-MC 0,5/ 6-STZ2-2,5BKBDWH1-6 1711443 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: FK-MC 0,5/ 6-STZ2-2,5BKBDWH1-6



Manufacturer	PHOENIX CONTACT
MPN / Reference	FK-MC 0,5/ 6-STZ2-2,5BKBDWH1-6
Catalog number	1711443
Category	Cable connector
Minimum order	250 Pcs
Document ID	EO-5EB08ABA8F
Generated	2026-11-19

Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal section: 0.5 mm², color: black, nominal current: 4 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Female, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, family of articles: FK-MC 0.5/.. -ST, pitch: 2.5 mm, connection type: Push-in spring connection, conductor connection direction/printed circuit board: 0°, strain relief: STZ2 Strain relief 17.2 X 25.5 mm, 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 1711443
Packing unit 1
GTIN 4055626238739
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 6
Connection method Push-in spring connection
Number of levels 1
Number of connections 6
Number of potentials 6
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 EN 60695-10-2 125...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FK-MC 0,5/ 6-STZ2-2,5BKBDWH1-6 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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