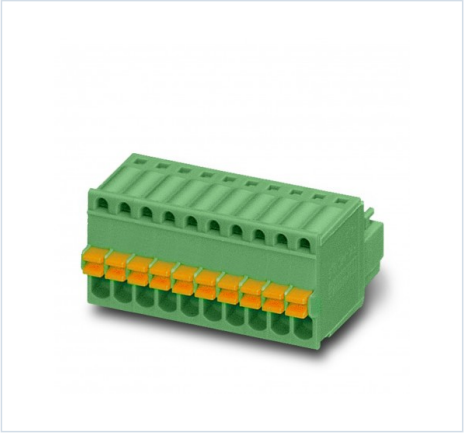
INDUSTRIAL COMPONENT DATA

FK-MC 0,5/ 7-ST-2,5 GY 1088782 PHOENIX CONTACT Connector for printed circuit board, number of poles: 7, pitc..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FK-MC 0,5/ 7-ST-2,5 GY



Manufacturer	PHOENIX CONTACT
MPN / Reference	FK-MC 0,5/ 7-ST-2,5 GY
Catalog number	1088782
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-AF88386974
Generated	2026-11-19

Product Overview

Connector for printed circuit board, number of poles: 7, pitch: 2.5 mm, color: gray
Connector for printed circuit board, nominal section: 0.5 mm², color: gray, nominal current: 4 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Female, number of rows: 1, number of poles: 7, 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
PCB connector, nominal cross section: 0.5 mm2, color: gray, nominal current: 4 A, rated voltage (III/2): 160 V, contact surface: Sn, contact connection type: Socket, number of rows: 1, number of positions: 7, product range: FK-MC 0,5/..-ST, pitch: 2.5 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, plug-in system: COMBICON FK-MC 0,5, 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-MC 0,5/..-ST
Product line COMBICON Connectors XS
Number of positions 7
Pitch 2.5 mm
Number of rows 1
Data management status

Article revision 00
Electrical propertiesNominal current IN 4 A
Nominal voltage UN 160 V
Contact resistance 2 m?
Rated voltage (III/3) 100 V
Rated surge voltage (III/3) 1.5 kV
Rated voltage (III/2) 160 V
Rated surge voltage (III/2) 2.5 kV
Rated voltage (II/2) 320 V
Rated surge voltage (II/2) 2.5 kV
Connection dataConnection technology
Type Standard
Connector system COMBICON FK-MC 0,5
Nominal cross section 0.5 mm²
Contact connection type Socket
Interlock
Locking type without
Mounting flange without
Conductor connection
Connection method Push-in spring connection
Conductor/PCB connection direction 0 °
Conductor cross section rigid 0.14 mm² ... 0.5 mm²
Conductor cross section flexible 0.14 mm² ... 0.5 mm²
Conductor cross section AWG 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
Specifications for ferrules without insulating collar
recommended crimping tool 1212034 CRIMPFOX 6
ferrules without insulating collar, according to DIN 46228-1 Cross section: 0.25 mm²; Length: 7 mm ... 8 mm
Cross section: 0.34 mm²; Length: 7 mm ... 8 mm
Cross section: 0.5 mm²; Length: 8 mm
Material specificationsMaterial data - contact
Note WEEE/RoHS-compliant, free of whiskers accordin...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FK-MC 0,5/ 7-ST-2,5 GY 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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