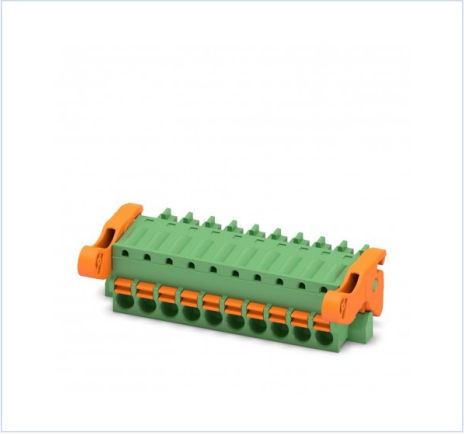
INDUSTRIAL COMPONENT DATA

FK-MCP 1,5/10-ST-3,81-LR 1817505 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: FK-MCP 1,5/10-ST-3,81-LR



Manufacturer	PHOENIX CONTACT
MPN / Reference	FK-MCP 1,5/10-ST-3,81-LR
Catalog number	1817505
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-9C367CC207
Generated	2026-11-19

Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal section: 1.5 mm², color: green, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Female, number of potentials: 10, number of rows: 1, number of poles: 10, number of connections: 10, family of articles: FK-MCP 1.5/.. -ST-LR, pitch: 3.81 mm, connection type: Push-in spring connection, driver/printed circuit board connection direction: 0 °, plug-in system: COMBICON MC 1.5, lock: Snap lock, fixing type: Lock & Release extractor lever, packaging type: boxed
PCB connector, nominal cross section: 1.5 mm2, color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Sn, contact connection type: Socket, number of potentials: 10, number of rows: 1, number of positions: 10, number of connections: 10, product range: FK-MCP 1,5/..-ST-LR, pitch: 3.81 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, plug-in system: COMBICON MC 1,5, locking: Lock-and-release locking system, mounting: Lock & Release ejector lever, 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-MCP 1,5/..-ST-LR
Product line COMBICON Connectors S
Type Standard
Number of positions 10

Pitch 3.81 mm
Number of connections 10
Number of rows 1
Number of potentials 10
Mounting flange Lock & Release ejector lever
Data management status
Article revision 03
Electrical propertiesNominal current IN 8 A
Nominal voltage UN 160 V
Contact resistance 1.6 m?
Rated voltage (III/3) 160 V
Rated surge voltage (III/3) 2.5 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 MC 1,5
Nominal cross section 1.5 mm²
Contact connection type Socket
Interlock
Locking type Lock-and-release locking system
Mounting flange Lock & Release ejector lever
Conductor connection
Connection method Push-in spring connection
Conductor/PCB connection direction 0 °
Conductor cross section rigid 0.14 mm² ... 1.5 mm²
Conductor cross section flexible 0.14 mm² ... 1.5 mm²
Conductor cross section AWG 26 ... 16
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 1.5 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 0.75 mm²
Cylindrical gauge a x b / diameter 2.4 mm x 1.5 mm / -
Stripping length 9 mm
Specifications for ferrules without insulating collar
recommended crimping tool 1212034 CRIMPFOX 6
ferrules without insulating colla...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FK-MCP 1,5/10-ST-3,81-LR 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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