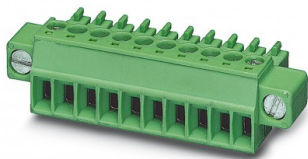


INDUSTRIAL COMPONENT DATA

MC 1,5/ 2-STF-3,81 BD: +,- 1045912 PHOENIX CONTACT

Connector for printed circuit board, number of poles: 2, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MC 1,5/ 2-STF-3,81 BD: +,-



Manufacturer	PHOENIX CONTACT
MPN / Reference	MC 1,5/ 2-STF-3,81 BD: +,-
Catalog number	1045912
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-1577CEB5A5
Generated	2026-08-05

Product Overview

Connector for printed circuit board, number of poles: 2, pitch: 3,81 mm, type of connection: Connection by screw with capsule-wheel drive, color: green, surface contacts: Tin

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: 2, number of rows: 1, number of poles: 2, number of connections: 2, family of articles: MC 1.5/.. -STF, pitch: 3.81 mm, connection type: Screw connection with traction capsule, screw clamping shape: L Longitudinal slot, driver/printed circuit board connection direction: 0 °, plug-in system: COMBICON MC 1.5, locking: Screw locking, fixing type: Overhead clamping (screw), packaging type: boxed

Conductive plate connector, nominal cross-section: 1.5 mm², colour: green, nominal current: 8 A, reference voltage (III/2): 160 V, contact surface: Sn, contact type: Female connector, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, article range: MC 1.5/.. -STF, pitch: 3.81 mm, connection type: Screw connection with ring, screw driving surface: L Longitudinal slot, conductor/PCB plugging direction: 0 °, Plug-in system: COMBICON MC 1.5, Locking: Screw lock, Fastening type: Screw flange, Packaging type: Packed in a carton

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)
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Additional Product Information

Technical characteristicsProduct PropertiesProduct Type Conductive Plate Connector

Product range MC 1.5/.. -STF

Product Line COMBICON Connectors S

Number of poles 2

Steps 3.81 mm
Number of connections 2
Number of rows 1
Number of potentials 2
Data Management Status
Revision of the article 03
Electrical properties Rated Current IN 8 A
Rated voltage UN 160 V
Contact resistance 1.3 mΩ
Reference voltage (III/3) 160 V
Rated Shock Resistance Voltage (III/3) 2.5 kV
Rated Voltage (III/2) 160 V
Rated Shock Withstand Voltage (III/2) 2.5 kV
Reference voltage (II/2) 320 V
Rated Shock Withstand Voltage (II/2) 2.5 kV
Connection features Connection technology
Type Standard
Connector System COMBICON MC 1,5
Nominal cross-section 1.5 mm²
Contact Type Female connector
Locking
Lock Mode Screw lock
Mounting Flange Screw flange
Tightening torque 0.3 Nm
Conductor connection
Connection type Screwed connection with ring
Conductor/PCB Plugging Direction 0 °
Rigid conductor cross-section 0.14 mm² ... 1.5 mm²
Soft conductor section 0.14 mm² ... 1.5 mm²
Conductive section. AWG 28 ... 16
Soft conductor section with end cap, without plastic bushing 0.25 mm² ... 1.5 mm²
Soft conductor section with plastic end cap and socket 0.25 mm² ... 0.75 mm²
2 rigid conductors of the same cross-section 0.08 mm² ... 0.5 mm²
2 flexible conductors of the same cross-section 0.08 mm² ... 0.75 mm²
2 conductors of the same cross-section, flexible with plastic sleeveless end cap 0.25 mm² ... 0.34 mm²
2 flexible conductors of the...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MC 1,5/ 2-STF-3,81 BD: +,- 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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