

INDUSTRIAL COMPONENT DATA

FRONT-MC 1,5/ 2-STF-3,81 1850851 PHOENIX CONTACT

Printed-circuit board connector

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	FRONT-MC 1,5/ 2-STF-3,81
Catalog number	1850851
Category	Cable connector
Minimum order	250 Pcs
Document ID	EO-26E0178A3B
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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: 2, number of rows: 1, number of poles: 2, number of connections: 2, family of articles: FRONT-MC 1.5/.. -STF, pitch: 3.81 mm, connection type: Front screw connection, screw clamping shape: L Longitudinal slot, driver/printed circuit board connection direction: 0 °, plug-in system: COMBICON MC 1.5, locking: Screw lock, fixing type: Air clamping (screw), 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)
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Additional Product Information

Key Commercial Data

Orderkey 1850851

Packing unit 250 pc

Catalog page Page 195 (C-1-2013)

GTIN 4017918110369

Weight per Piece (excluding packing) 3.400 g

Custom tariff number 85366990

Country of origin DE (Germany)

Item properties

Brief article description Printed-circuit board connector

Plug-in system MINI COMBICON

Type of contact Female connector

Range of articles FRONT-MC 1,5/...-STF

Pitch 3.81 mm

Number of positions 2

Connection method Front screw connection

Drive form screw head Slotted

Screw thread M2

Locking Screw flange

Number of levels 1

Number of connections 2

Number of potentials 2

Electrical parameters

Rated current 8 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 ... 1.5 mm²

Conductor cross section flexible 0.14 mm² ... 1.5 mm²

Conductor cross section AWG / kcmil 28 ... 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 ... 0.5 mm²

2 conductors with same cross section, solid 0.14 mm² ... 0.5 mm²

2 conductors with same cross section, flexible 0.14 mm² ... 0.75 mm²

2 conductors with same cross section, stranded, ferrules without plastic sleeve 0.25 mm² ... 0.34 mm²

2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve 0.5 mm² ... 0.5 mm²

Cylindrical gauge a x b / diameter 2.4 mm x 1.5 mm / 1.6 mm

Stripping length 9 mm

Torque 0....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FRONT-MC 1,5/ 2-STF-3,81 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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