INDUSTRIAL COMPONENT DATA

MC 1,5/16-ST-3,81 BD:16-1 SO 1918874 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MC 1,5/16-ST-3,81 BD:16-1 SO



Manufacturer	PHOENIX CONTACT
MPN / Reference	MC 1,5/16-ST-3,81 BD:16-1 SO
Catalog number	1918874
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-6DEFF53AA6
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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: 16, number of rows: 1, number of poles: 16, number of connections: 16, family of articles: MC 1.5/.. -ST, pitch: 3.81 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, conductor/printed circuit board connection direction: 0 °, pin arrangement: Triple linear pin arrangement, plug-in system: COMBICON MC 1.5, lock: without, fixing type: without, 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: 16, number of rows: 1, number of positions: 16, number of connections: 16, product range: MC 1,5/..-ST, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, pin layout: Linear three-way pinning, plug-in system: COMBICON MC 1,5, 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 MC 1,5/..-ST
Product line COMBICON Connectors S
Number of positions 16
Pitch 3.81 mm

Number of connections 16
Number of rows 1
Number of potentials 16
Mounting flange without
Pin layout Linear three-way pinning
Data management status
Article revision 02
Electrical propertiesNominal current IN 8 A
Nominal voltage UN 160 V
Contact resistance 1.3 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 without
Mounting flange without
Conductor connection
Connection method Screw connection with tension sleeve
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 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 ... 0.75 mm²
2 conductors with same cross section, solid 0.08 mm² ... 0.5 mm²
2 conductors with same cross section, flexible 0.08 mm² ... 0.75 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve 0.25 mm² ... 0.34 mm²
2 conduct...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MC 1,5/16-ST-3,81 BD:16-1 SO 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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