INDUSTRIAL COMPONENT DATA

MC 1,5/10-GF-3,81 1827949 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MC 1,5/10-GF-3,81



Manufacturer	PHOENIX CONTACT
MPN / Reference	MC 1,5/10-GF-3,81
Catalog number	1827949
Category	Printed circuit board connector
Minimum order	100 Pcs
Document ID	EO-F383F5BF1E
Generated	2026-11-18

Product Overview

Printed-circuit board connector
Printed circuit board base housing, nominal section: 1.5 mm², color: green, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of potentials: 10, number of rows: 1, number of poles: 10, number of connections: 10, family of articles: MC 1.5/.. -GF, pitch: 3.81 mm, screw clamping shape: L Longitudinal slot, mounting: Wave welding, pin arrangement: Linear pin arrangement, pin length [P]: 3.4 mm, number of welding pins per potential: 1, plug-in system: COMBICON MC 1.5, Plug-in face orientation: Standard, locking: Screw lock, fixing type: Overhead clamping (thread), Packaging Type: Boxed Packaging
PCB header, nominal cross-section: 1.5 mm2, colour: green, nominal current: 8 A, reference voltage (III/2): 160 V, contact area: Sn, contact type: Male, number of potentials: 10, number of rows: 1, number of poles: 10, number of connections: 10, range of articles: MC 1.5/.. -GF, pitch: 3.81 mm, screw driving surface: L Longitudinal slot, mounting: Wave welding, spindle plane: Linear broaching, spindle length [P]: 3.4 mm, number of pins per potential: 1, Plug-in system: COMBICON MC 1.5, Orientation of the plug-in pattern: Standard, Locking: Screw locking, Fastening type: Threaded 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)

Additional Product Information

Key Commercial Data
Orderkey 1827949
Packing unit 100 pc

Catalog page Page 225 (C-1-2013)
GTIN 4017918050399
Weight per Piece (excluding packing) 3.380 g
Custom tariff number 85366930
Country of origin DE (Germany)
Dimensions
Length [l] 9.2 mm
Width 48.49 mm
Pitch 3.81 mm
Dimension a 34.29 mm
Width [w] 48.49 mm
Height [h] 10.3 mm
Height 6.9 mm
Length of the solder pin 3.4 mm
Pin dimensions 0.8 x 0.8 mm
Length 9.2 mm
General
Range of articles MC 1,5/..-GF
Insulating material group IIIa
Rated surge voltage (III/3) 2.5 kV
Rated surge voltage (III/2) 2.5 kV
Rated surge voltage (II/2) 2.5 kV
Rated voltage (III/3) 160 V
Rated voltage (III/2) 160 V
Rated voltage (II/2) 250 V
Connection in acc. with standard EN-VDE
Nominal current IN 8 A
Maximum load current 8 A
Insulating material PBT
Flammability rating according to UL 94 V0
Color green
Number of positions 10
Standards and Regulations
Connection in acc. with standard EN-VDE
CSA
Flammability rating according to UL 94 V0
Environmental Product Compliance
China RoHS Environmentally Friendly Use Period = 50
For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”
Classifications
eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss 7.027440402eCl@ss 8.027440402eCl@ss 9.027440402
ETIM 3.0EC001121ETIM 4.0EC002637ETIM 5.0EC002637ETIM 6.0EC002637
UNSPSC 6.0130211810UNSPSC 7.090139121409UNSPSC 1139121409UNSPSC 12.0139121409UNSPSC 13.239121409

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MC 1,5/10-GF-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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