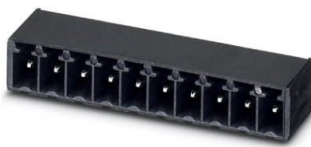


INDUSTRIAL COMPONENT DATA

MC 1,5/12-G-3,81 P20THRR72CP38 1782828 PHOENIX CONTACT Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: MC 1,5/12-G-3,81 P20THRR72CP38



Manufacturer	PHOENIX CONTACT
MPN / Reference	MC 1,5/12-G-3,81 P20THRR72CP38
Catalog number	1782828
Category	Printed circuit board connector
Minimum order	380 Pcs
Document ID	EO-1D0C745BFC
Generated	2026-08-04

Product Overview

Feed-through header

Printed circuit board base case, nominal section: 1.5 mm², color: black, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of potentials: 12, number of rows: 1, number of poles: 12, number of connections: 12, family of articles: MC 1.5/.. -G-THR, pitch: 3.81 mm, mounting: Solder THR, pin arrangement: Linear pin arrangement, pin length [P]: 2 mm, number of solder pins per potential: 1, plug-in system: COMBICON MC 1.5, Plug-in face orientation: Standard, lock: without, fixing type: without, 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 1782828

Packing unit 380 pc

Minimum order quantity 380 pc

Note Made to Order (non-returnable)

GTIN 4046356550079

Weight per Piece (excluding packing) 4.430 g

Custom tariff number 85366930

Country of origin DE (Germany)

Item properties

Brief article description Feed-through header

Plug-in system MINI COMBICON

Type of contact Male connector

Range of articles MC 1,5/..-G-THR

Pitch 3.81 mm

Number of positions 12

Mounting type THR soldering

Pin layout Linear pinning

Locking without

Number of levels 1

Electrical parameters

Rated current 8 A

Rated insulation voltage (III/2) 160 V

Rated surge voltage (III/2) 2.5 kV

Material data - contact

Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu alloy

Surface characteristics Tin-plated

Metal surface contact area (top layer) Tin (3 - 5 µm Sn)

Metal surface contact area (middle layer) Nickel (1 - 3 µm Ni)

Metal surface soldering area (top layer) Tin (3 - 5 µm Sn)

Metal surface soldering area (middle layer) Nickel (1.3 - 3 µm Ni)

Material data - housing

Insulating material LCP

Insulating material group IIIa

CTI according to IEC 60112 175

Flammability rating according to UL 94 V0

Dimensions for the product

Dimensional drawing

Caption Schematic representation - for additional information, see product range drawing in the Download Center

Length [l] 9.2 mm

Width [w] 47.11 mm

Height [h] 8.9 mm

Pitch 3.81 mm

Height (without solder pin) 6.9 mm

Solder pin [P] 2....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MC 1,5/12-G-3,81 P20THRR72CP38 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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