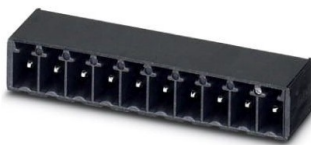


INDUSTRIAL COMPONENT DATA

MC 1,5/ 6-G-3,81 P14 THRR56 1702663 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MC 1,5/ 6-G-3,81 P14 THRR56



Manufacturer	PHOENIX CONTACT
MPN / Reference	MC 1,5/ 6-G-3,81 P14 THRR56
Catalog number	1702663
Category	Printed circuit board connector
Minimum order	470 Pcs
Document ID	EO-DEE1BE0EDB
Generated	2026-07-29

Product Overview

Printed-circuit board connector

Printed circuit board base housing, 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: 6, number of rows: 1, number of poles: 6, number of connections: 6, family of articles: MC 1.5/.. -G-THR, pitch: 3.81 mm, mounting: Weld THR, pin arrangement: Linear pin arrangement, pin length [P]: 1.4 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: 56 mm wide strap

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 1702663

Packing unit 470 pc

Minimum order quantity 470 pc

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GTIN 4046356607414

Weight per Piece (excluding packing) 2.680 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 6

Mounting type THR soldering

Pin layout Linear pinning

Locking without

Number of levels 1

Number of connections 6

Number of potentials 6

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] 24.25 mm

Height [h] 8.3 mm

Pitch 3.81 mm

Height (w...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MC 1,5/ 6-G-3,81 P14 THRR56 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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