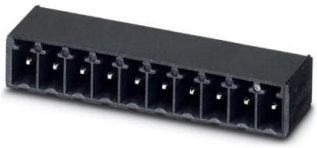
INDUSTRIAL COMPONENT DATA

MC 1,5/12-G-3,81 P20 THRR72 1782679 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MC 1,5/12-G-3,81 P20 THRR72



Manufacturer	PHOENIX CONTACT
MPN / Reference	MC 1,5/12-G-3,81 P20 THRR72
Catalog number	1782679
Category	Printed circuit board connector
Minimum order	380 Pcs
Document ID	EO-468AD387B7
Generated	2026-11-19

Product Overview

Printed-circuit board connector
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: 72 mm wide strap, More user information and design recommendations on Through Hole Reflow technology can be found at: Downloads

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 1782679
Packing unit 380 pc
Minimum order quantity 380 pc
Note Made to Order (non-returnable)
Catalog page Page 210 (C-1-2013)
GTIN 4046356550598
Weight per Piece (excluding packing) 2.080 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
Number of connections 12
Number of potentials 12
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
Hei...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MC 1,5/12-G-3,81 P20 THRR72 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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