INDUSTRIAL COMPONENT DATA

MC 1,5/13-G-3,81 P20 THR 1829056 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MC 1,5/13-G-3,81 P20 THR

Manufacturer	PHOENIX CONTACT
MPN / Reference	MC 1,5/13-G-3,81 P20 THR
Catalog number	1829056
Category	Printed circuit board connector
Minimum order	1000 Pcs
Document ID	EO-7A8C38305A
Generated	2026-11-19

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: Sn, contact connection type: Male, number of potentials: 13, number of rows: 1, number of poles: 13, number of connections: 13, family of articles: MC 1.5/.. -G-THR, pitch: 3.81 mm, mounting: THR welding/wave soldering, 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, locking: 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)

Additional Product Information

Key Commercial Data
Orderkey 1829056
Packing unit 50 pc
Minimum order quantity 50 pc
Note Made to Order (non-returnable)
Catalog page Page 18 (NTK-2014)
GTIN 4046356868846
Weight per Piece (excluding packing) 3.080 g
Custom tariff number 85366930
Country of origin DE (Germany)

Dimensions
Length [l] 9.2 mm
Width 50.92 mm
Pitch 3.81 mm
Dimension a 45.72 mm
Width [w] 50.92 mm
Height [h] 8.9 mm
Height 6.9 mm
Length of the solder pin 2 mm
Pin dimensions 0.8 x 0.8 mm
Length 9.2 mm
General
Range of articles MC 1,5/..-G-THR
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 LCP
Flammability rating according to UL 94 V0
Color black
Number of positions 13
Standards and Regulations
Connection in acc. with standard EN-VDE
CUL
Flammability rating according to UL 94 V0
Environmental Product Compliance
China RoHS Environmentally friendly use period: unlimited = EFUP-e
No hazardous substances above threshold values
Classifications
eCl@ss
eCl@ss 4.0 27141109
eCl@ss 4.1 27141109
eCl@ss 5.0 27141190
eCl@ss 5.1 27260700
eCl@ss 6.0 27260700
eCl@ss 7.0 27440402
eCl@ss 8.0 27440402
eCl@ss 9.0 27440402
ETIM
ETIM 4.0 EC002637
ETIM 5.0 EC002637

ETIM 6.0 EC002637
UNSPSC
UNSPSC 6.01 30211801
UNSPSC 7.0901 39121432
UNSPSC 11 39...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MC 1,5/13-G-3,81 P20 THR 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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