

INDUSTRIAL COMPONENT DATA

MC 1,5/ 2-G-3,81 BK AU 1459558 PHOENIX CONTACT Printed circuit board base housing, nominal section: 1.5 mm²,...

Brand: PHOENIX CONTACT | Manufacturer Part Number: MC 1,5/ 2-G-3,81 BK AU



Manufacturer	PHOENIX CONTACT
MPN / Reference	MC 1,5/ 2-G-3,81 BK AU
Catalog number	1459558
Category	Printed circuit board connector
Minimum order	1000 Pcs
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Product Overview

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 rows: 1, number of poles: 2, family of articles: MC 1.5/..-G, pitch: 3.81 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.4 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: boxed

PCB headers, nominal cross section: 1.5 mm², color: black, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Gold, contact connection type: Pin, number of rows: 1, number of positions: 2, product range: MC 1,5/..-G, pitch: 3.81 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.4 mm, number of solder pins per potential: 1, plug-in system: COMBICON MC 1,5, Pin connector pattern alignment: Standard, locking: without, mounting: without, type of packaging: packed in cardboard

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

Technical dataProduct propertiesProduct line COMBICON Connectors S

Product type PCB headers

Product family MC 1,5/..-G

Number of positions 2

Pitch 3.81 mm

Number of rows 1

Pin layout Linear pinning
Solder pins per potential 1
Electrical propertiesNominal current I_N 8 A
Nominal voltage U_N 160 V
Degree of pollution 3
Contact resistance 1.3 m Ω
Rated voltage (III/3) 160 V
Rated surge voltage (III/3) 2.5 kV
Rated voltage (III/2) 160 V
Rated surge voltage (III/2) 2.5 kV
Rated voltage (II/2) 250 V
Rated surge voltage (II/2) 2.5 kV
MountingMounting type Wave soldering
Pin layout Linear pinning
Material specificationsMaterial 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 μm Ni)
Material data - housing
Color (Housing) black (9005)
Insulating material PBT
Insulating material group IIIa
CTI according to IEC 60112 225
Flammability rating according to UL 94 V0
DimensionsDimensional drawing
Pitch 3.81 mm
Width [w] 9.01 mm
Height [h] 10.65 mm
Length [l] 9.2 mm
Installed height 7.25 mm
Solder pin length [P] 3.4 mm
Pin dimensions 0.8 x 0.8 mm
PCB design
Hole diameter 1.2 mm
Mechanical testsVisual inspection
Specification IEC 60512-1-1:2002-02
Res...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MC 1,5/ 2-G-3,81 BK AU 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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