INDUSTRIAL COMPONENT DATA

MCV 1,5/ 2-G-3,81-THT P2,0 R32 1997808 PHOENIX CONTACT Printed circuit board base housing, nominal section: ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCV 1,5/ 2-G-3,81-THT P2,0 R32



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCV 1,5/ 2-G-3,81-THT P2,0 R32
Catalog number	1997808
Category	Printed circuit board connector
Minimum order	1000 Pcs
Document ID	EO-8958C5C99E
Generated	2026-11-19

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: MCV 1.5/.. -G-THT, pitch: 3.81 mm, mounting: THR welding/wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 2 mm, plug-in system: COMBICON MC 1.5, Plug-in face orientation: Standard, locking: without, clamping type: without, packaging type: 32 mm wide strap, More user information and design recommendations on Through Hole Reflow technology can be found at: Down
PCB base housing, nominal cross-section: 1.5 mm², colour: black, nominal current: 8 A, nominal voltage (III/2): 160 V, surface contacts: Tin, contact type: Male, number of rows: 1, number of poles: 2, article family: MCV 1.5/.. -G-THT, pitch: 3.81 mm, mounting: Solder THR, pin arrangement: Linear pin arrangement, pin length [P]: 2 mm, plug-in system: COMBICON MC 1.5, Plug-in face orientation: Standard, lock: without, attachment type: without, packing type: 32mm wide strap, More user information and design recommendations on Through Hole Reflow technology can be found at: Downloads
PCB headers, nominal cross section: 1.5 mm2, color: black, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, contact connection type: Pin, number of rows: 1, nu...

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 propertiesType Component suitable for through hole reflow
Product type PCB headers
Product family MCV 1,5/..-G-THT

Number of positions 2
Pitch 3.81 mm
Number of rows 1
Mounting flange no
Pin layout Linear pinning
Electrical propertiesNominal current IN 8 A
Nominal voltage UN 160 V
Degree of pollution 3
Contact resistance 1.4 m?
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) 320 V
Rated surge voltage (II/2) 2.5 kV
MountingMounting type THR soldering
Pin layout Linear pinning
Processing notes
Process Reflow/wave soldering
Moisture Sensitive Level MSL 3
Classification temperature Tc 260 °C
Solder cycles in the reflow 3
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 - 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
Color (Housing) black (9005)
Insulating material PA
Insulating material group IIIa
CTI according to IEC 60112 250
Flammability rating according to UL 94 V0
Glow wire flammability index GWFI according to EN 60695-2-12 850
Glow wire ignition temperature GWIT according to EN 60695-2-13 775...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCV 1,5/ 2-G-3,81-THT P2,0 R32 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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