INDUSTRIAL COMPONENT DATA

MCV 1,5/10-GF-3,81P26AUTHRRNZ2 1798896 PHOENIX CONTACT PCB headers, nominal current: 8 A, number of position..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCV 1,5/10-GF-3,81P26AUTHRRNZ2



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCV 1,5/10-GF-3,81P26AUTHRRNZ2
Catalog number	1798896
Category	Printed circuit board connector
Minimum order	200 Pcs
Document ID	EO-C61FC0405A
Generated	2026-11-18

Product Overview

PCB headers, nominal current: 8 A, number of positions: 10, pitch: 3.81 mm, color: black, contact surface: Gold, mounting: THR soldering
Base housing printed circuit board, nominal section: 1.5 mm², color: black, rated current: 8 A, sizing voltage (III/2): 160 V, surface contacts: Gold, contact type: Male, Number of potentials: 10, Number of rows: 1, Number of poles per row: 10, number of connections: 10, article family: MCV 1.5/.. -GF-THR, pitch: 3.81 mm, mounting: THR welding, pin arrangement: Linear pin arrangement, pin length [P]: 2.6 mm, Stecksystem: MINI COMBICON, Locking: Screw lock, packaging type: boxed packaging
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 potentials: 10, number of rows: 1, number of positions: 10, number of connections: 10, product range: MCV 1,5/..-GF-THR, pitch: 3.81 mm, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2.6 mm, number of solder pins per potential: 1, plug-in system: COMBICON MC 1,5, Pin connector pattern alignment: Standard, locking: Screw locking mechanism, mounting: Threaded flange, type of packaging: 72 mm wide tape

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 MCV 1,5/..-GF-THR
Number of positions 10
Pitch 3.81 mm
Number of connections 10
Number of rows 1
Mounting flange Threaded flange
Number of potentials 10
Pin layout Linear pinning
Solder pins per potential 1
Electrical propertiesNominal current IN 8 A
Nominal voltage UN 160 V
Degree of pollution 3
Contact resistance 1.6 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) 250 V
Rated surge voltage (II/2) 2.5 kV
MountingMounting type THR soldering
Pin layout Linear pinning
Flange
Tightening torque 0.3 Nm
Processing notes
Process Reflow/wave soldering
Moisture Sensitive Level MSL 1
Classification temperature Tc 245 °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 partially gold-plated
Metal surface contact area (top layer) Gold (0.8 - 1.4 µm Au)
Metal surface contact area (middle layer) Nickel (2 - 4 µm Ni)
Metal surface soldering area (top layer) Tin (3 - 5 µm Sn)
Metal surface soldering area (middle layer) Nickel (2 - 4 µm Ni)
Material data - housing
Color (Housing) black (9005)
Insulating material LCP
Insulating material group IIIa
CTI according to IEC 60112 175
Flammability rating according to UL 94 V0
Dimensi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCV 1,5/10-GF-3,81P26AUTHRRNZ2 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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