INDUSTRIAL COMPONENT DATA

MCV 1,5/ 8-G-3,5 CP1 P14THRR56 1076828 PHOENIX CONTACT MCV 1,5/ 8-G-3,5 CP1 P14THRR56 1076828

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCV 1,5/ 8-G-3,5 CP1 P14THRR56



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCV 1,5/ 8-G-3,5 CP1 P14THRR56
Catalog number	1076828
Category	Printed circuit board connector
Minimum order	1000 Pcs
Document ID	EO-94CAAF1D54
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Product Overview

MCV 1,5/ 8-G-3,5 CP1 P14THRR56 - 1076828
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 rows: 1, number of poles: 8, family of articles: MCV 1.5/.. -G-THR, pitch: 3.5 mm, mounting: Solder THR, pin arrangement: Linear pin arrangement, pin length [P]: 1.4 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: 56 mm wide strap
PCB headers, nominal cross section: 1.5 mm2, color: black, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Sn, contact connection type: Pin, number of rows: 1, number of positions: 8, product range: MCV 1,5/..-G-THR, pitch: 3.5 mm, mounting: THR soldering / wave soldering, pin layout: Linear pinning, solder pin [P]: 1.4 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: 56 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 type PCB headers
Product family MCV 1,5/..-G-THR
Product line COMBICON Connectors S
Type Component suitable for through hole reflow
Number of positions 8

Pitch 3.5 mm
Number of rows 1
Pin layout Linear pinning
Solder pins per potential 1
Data management status
Article revision 00
Electrical propertiesNominal current IN 8 A
Nominal voltage UN 160 V
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 / wave soldering
Pin layout Linear pinning
Processing notes
Process Reflow/wave soldering
Moisture Sensitive Level MSL 1
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 LCP
Insulating material group IIIa
CTI according to IEC 60112 175
Flammability rating according to UL 94 V0
DimensionsDimensional drawing
Pitch 3.5 mm
Width....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCV 1,5/ 8-G-3,5 CP1 P14THRR56 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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