INDUSTRIAL COMPONENT DATA

MCV 1,5/ 6-G-3,5-RNGYP26AUTHRR 1779792 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCV 1,5/ 6-G-3,5-RNGYP26AUTHRR

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	MCV 1,5/ 6-G-3,5-RNGYP26AUTHRR
Catalog number	1779792
Category	Printed circuit board connector
Minimum order	1000 Pcs
Document ID	EO-FF700F0AEA
Generated	2026-11-19

Product Overview

Printed-circuit board connector
Printed circuit board base housing, nominal section: 1.5 mm², color: gray, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Gold, contact type: Male, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, family of articles: MCV 1.5/.. -G-RN-THR, pitch: 3.5 mm, mounting: Weld THR, pin arrangement: Linear pin arrangement, pin length [P]: 2.6 mm, number of solder pins per potential: 1, plug-in system: COMBICON MC 1.5, Plug-in face orientation: Standard, lock: Snap-in lock, fixing type: Snap-on protrusion, packing type: 56 mm wide strap, Further user information and design recommendations for Through Hole Reflow technology can be found at: Downloads
PCB headers, nominal cross section: 1.5 mm2, color: gray, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Au, contact connection type: Pin, number of potentials: 6, number of rows: 1, number of positions: 6, number of connections: 6, product range: MCV 1,5/..-G-RN-THR, pitch: 3.5 mm, mounting: THR soldering / wave 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: Snap-in locking, mounting: Engagement nose, type of packaging: 56 mm wide tape, For user information and design recommendations fo...

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-RN-THR
Product line COMBICON Connectors S

Number of positions 6
Pitch 3.5 mm
Number of connections 6
Number of rows 1
Number of potentials 6
Mounting flange Engagement nose
Pin layout Linear pinning
Solder pins per potential 1
Data management status
Article revision 01
Electrical propertiesNominal current IN 8 A
Nominal voltage UN 160 V
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
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) gray (7042)
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 [w] 22.4 mm
Height [h] 11.8 mm
Length [l] 6.9 mm
Installed height 9.2 mm
Solder pin length [P] 2.6 mm
PCB design
Hole diameter...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCV 1,5/ 6-G-3,5-RNGYP26AUTHRR 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.