INDUSTRIAL COMPONENT DATA

MCV 1,5/ 6-GF-3,5 GN THRV0005 1779268 PHOENIX CONTACT Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCV 1,5/ 6-GF-3,5 GN THRV0005

Manufacturer	PHOENIX CONTACT
MPN / Reference	MCV 1,5/ 6-GF-3,5 GN THRV0005
Catalog number	1779268
Category	Printed circuit board connector
Minimum order	300 Pcs
Document ID	EO-BC45DD8D7D
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Product Overview

Feed-through header
Base housing printed circuit board, nominal section: 1.5 mm², colour: green, rated current: 8 A, sizing voltage (III/2): 160 V, surface contacts: Tin, contact type: Male, Number of potentials: 6, Number of rows: 1, Number of poles per row: 6, number of connections: 6, article family: MCV 1.5/.. -GF-THR, pitch: 3.5 mm, mounting: Solder thr, pin length [P]: 3.4 mm, Stecksystem: MINI COMBICON, Locking: Screw lock, packing type: 56 mm wide strap
PCB headers, nominal cross section: 1.5 mm2, color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, 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/..-GF-THR, pitch: 3.5 mm, mounting: THR 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: Screw locking mechanism, mounting: Threaded flange, 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 line COMBICON Connectors S
Product type PCB headers
Product family MCV 1,5/..-GF-THR
Number of positions 6
Pitch 3.5 mm
Number of connections 6

Number of rows 1
Number of potentials 6
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 1.2 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 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) green (6021)
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] 31...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCV 1,5/ 6-GF-3,5 GN THRV0005 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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