INDUSTRIAL COMPONENT DATA

IMCV 1,5/ 8-G-3,5 P20 THR 1830773 PHOENIX CONTACT Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: IMCV 1,5/ 8-G-3,5 P20 THR



Manufacturer	PHOENIX CONTACT
MPN / Reference	IMCV 1,5/ 8-G-3,5 P20 THR
Catalog number	1830773
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-74017D34ED
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Product Overview

Feed-through header
Printed circuit board base housing, nominal section: 1.5 mm², color: black, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Female, number of potentials: 8, number of rows: 1, number of poles: 8, number of connections: 8, family of articles: IMCV 1.5/.. -G-THR, pitch: 3.5 mm, mounting: Solder THR, pin arrangement: Linear pin arrangement, pin length [P]: 1.9 mm, number of solder pins per potential: 2, plug-in system: COMBICON MC 1.5, Plug-in face orientation: Standard, lock: without, fixing type: without, packaging type: boxed
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: Socket, number of potentials: 8, number of rows: 1, number of positions: 8, number of connections: 8, product range: IMCV 1,5/..-G-THR, pitch: 3.5 mm, mounting: THR soldering / wave soldering, pin layout: Linear pinning, solder pin [P]: 1.9 mm, number of solder pins per potential: 2, plug-in system: COMBICON MC 1,5, Pin connector pattern alignment: Standard, locking: without, mounting: without, type of packaging: packed in cardboard

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 IMCV 1,5/..-G-THR
Product line COMBICON Connectors S
Type Inverted
Number of positions 8

Pitch 3.5 mm
Number of connections 8
Number of rows 1
Number of potentials 8
Mounting flange without
Pin layout Linear pinning
Solder pins per potential 2
Data management status
Article revision 01
Electrical propertiesNominal current IN 8 A
Nominal voltage UN 160 V
Contact resistance 0.9 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 / 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 hot-dip tin-plated
Metal surface contact area (top layer) Tin (2 - 4 µm Sn)
Metal surface soldering area (top layer) Tin (2 - 4 µm Sn)
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 [w] 28.8 mm
Height [h] 16.35 mm
Length [l] 6.3 mm
Installed height 14.45 mm
Solder pin...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IMCV 1,5/ 8-G-3,5 P20 THR 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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