INDUSTRIAL COMPONENT DATA

MCV 1,5/ 6-G-3,81 P20 THRR44C 1496022 PHOENIX CONTACT Printed circuit board base housing, nominal section: 1..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCV 1,5/ 6-G-3,81 P20 THRR44C



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCV 1,5/ 6-G-3,81 P20 THRR44C
Catalog number	1496022
Category	Printed circuit board connector
Minimum order	980 Pcs
Document ID	EO-197826F9A7
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Product Overview

Printed circuit board base housing, nominal section: 1.5 mm², color: black, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Sn, contact connection type: Male, number of rows: 1, number of poles: 6, family of articles: MCV 1.5/.. -G-THR, pitch: 3.81 mm, mounting: THR welding/wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 2 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: 44 mm wide strap
PCB base housing, nominal cross-section: 1.5 mm², colour: black, nominal current: 8 A, nominal voltage (III/2): 160 V, surface contacts: tin, contact type: Male, number of rows: 1, number of poles: 6, article family: MCV 1.5/.. -G-THR, pitch: 3.81 mm, mounting: Solder THR, pin arrangement: Linear pin arrangement, pin length [P]: 2 mm, number of solder pins per potential: 1, plug-in system: COMBICON MC 1.5, Plug-in face orientation: Standard, lock: without, attachment type: without, packing type: 44mm wide strap
PCB headers, nominal cross section: 1.5 mm2, color: black, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, contact connection type: Pin, number of rows: 1, number of positions: 6, product range: MCV 1,5/..-G-THR, pitch: 3.81 mm, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2....

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/..-G-THR

Number of positions 6
Pitch 3.81 mm
Number of rows 1
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 1.4 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
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
NotesDetails for soldering processes Processing using reflow processes in compliance with IEC 60068-2-58 or DIN EN 61760-1 (latest version)
Moisture Sensitive Level (MSL) = 1 according to IPC/JEDEC J-STD-020-C
DimensionsDimensional drawing
Pitch 3.81 mm
Width [w] 24.25 mm
Height...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCV 1,5/ 6-G-3,81 P20 THRR44C 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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