

INDUSTRIAL COMPONENT DATA

MC 0,5/ 3-G-2,54 GN P20 THRR24 1054368 PHOENIX CONTACT Housing base printed circuit board, number of poles: ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MC 0,5/ 3-G-2,54 GN P20 THRR24



Manufacturer	PHOENIX CONTACT
MPN / Reference	MC 0,5/ 3-G-2,54 GN P20 THRR24
Catalog number	1054368
Category	Printed circuit board connector
Minimum order	930 Pcs
Document ID	EO-7BEE2D824A
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Product Overview

Housing base printed circuit board, number of poles: 3, pitch: 2.54 mm, color: green

Printed circuit board base housing, nominal section: 0.5 mm², color: green, nominal current: 6 A, nominal voltage (III/2): 160 V, contact surface: Gold, contact type: Male, number of rows: 1, number of poles: 3, family of articles: MC 0.5/..-G-THR, pitch: 2.54 mm, mounting: Weld THR, pin arrangement: Linear pin arrangement, pin length [P]: 2 mm, number of solder pins per potential: 1, plug-in system: COMBICON FMC 0.5, Plug-in face orientation: Standard, lock: without, fixing type: without, packaging type: 24 mm wide strap

PCB headers, nominal cross section: 0.5 mm², color: green, nominal current: 6 A, rated voltage (III/2): 160 V, contact surface: Au, contact connection type: Pin, number of rows: 1, number of positions: 3, product range: MC 0.5/..-G-THR, pitch: 2.54 mm, mounting: THR soldering / wave soldering, pin layout: Linear pinning, solder pin [P]: 2 mm, number of solder pins per potential: 1, plug-in system: COMBICON FMC 0.5, Pin connector pattern alignment: Standard, locking: without, mounting: without, type of packaging: 24 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 MC 0,5/..-G-THR

Product line COMBICON Connectors XS

Number of positions 3
Pitch 2.54 mm
Number of rows 1
Pin layout Linear pinning
Solder pins per potential 1
Data management status
Article revision 00
Electrical propertiesNominal current I_N 6 A
Nominal voltage U_N 160 V
Contact resistance 2.1 m Ω
Rated voltage (III/3) 32 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) 160 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 T_c 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 Completely gold-plated
Metal surface contact area (top layer) Gold (0.25 Au)
Metal surface contact area (middle layer) Nickel (2 - 4 μm Ni)
Metal surface soldering area (top layer) Gold (0.25 Au)
Metal surface soldering area (middle layer) Nickel (2 - 4 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 2.54 mm
Width [w] 12.2 mm
Height [h] 6.85 mm
Length [l] 7.1...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MC 0,5/ 3-G-2,54 GN P20 THRR24 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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