

INDUSTRIAL COMPONENT DATA

MC 0,5/12-G-2,5-THTGN AUSN P26 1831989 PHOENIX CONTACT PCB headers, nominal current: 4 A, number of position..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MC 0,5/12-G-2,5-THTGN AUSN P26



Manufacturer	PHOENIX CONTACT
MPN / Reference	MC 0,5/12-G-2,5-THTGN AUSN P26
Catalog number	1831989
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-42FC29E40B
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Product Overview

PCB headers, nominal current: 4 A, number of positions: 12, pitch: 2.5 mm, color: green, contact surface: Gold, mounting: THR soldering

Printed circuit board base housing, nominal section: 0.5 mm², color: green, nominal current: 4 A, nominal voltage (III/2): 160 V, contact surface: Gold, contact type: Male, number of potentials: 12, number of rows: 1, number of poles: 12, number of connections: 12, family of articles: MC 0.5/..-G-THT, pitch: 2.5 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 FK-MC 0.5, Plug-in face orientation: Standard, lock: without, fixing type: without, packaging type: boxed

PCB headers, nominal cross section: 0.5 mm², color: green, nominal current: 4 A, rated voltage (III/2): 160 V, contact surface: Au, contact connection type: Pin, number of potentials: 12, number of rows: 1, number of positions: 12, number of connections: 12, product range: MC 0,5/..-G-THT, pitch: 2.5 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 FK-MC 0,5, 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)
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Additional Product Information

Technical dataProduct propertiesProduct type PCB headers
Product family MC 0,5/..-G-THT

Product line COMBICON Connectors XS

Number of positions 12

Pitch 2.5 mm

Number of connections 12

Number of rows 1

Number of potentials 12

Mounting flange without

Pin layout Linear pinning

Solder pins per potential 1

Data management status

Article revision 00

Electrical propertiesNominal current IN 4 A

Nominal voltage UN 160 V

Rated voltage (III/3) 32 V

Rated surge voltage (III/3) 1.5 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) 1.5 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 Completely gold-plated

Metal surface contact area (top layer) Gold (0.8 - 1.4 µm Au)

Metal surface contact area (middle layer) Nickel (2 - 3 µm Ni)

Metal surface soldering area (top layer) Gold (0.8 - 1.4 µm Au)

Metal surface soldering area (middle layer) Nickel (2 - 3 µm Ni)

Material data - housing

Color (Housing) green (6021)

Insulating material PA

Insulating material group IIIa

CTI according to IEC 60112 250

Flammability rating according to UL 94 V0

Glow wire flammability index GWFI according to EN 60695-2-12 850

Glow wire ignition temperature GWIT according to EN 60695-2-13 775

Temperature for the ball pressure test accordi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MC 0,5/12-G-2,5-THTGN AUSN P26 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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