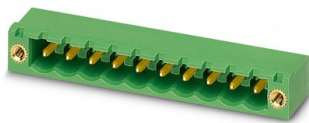


INDUSTRIAL COMPONENT DATA

MSTB 2,5/ 2-GF-5,08 AU 1875195 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MSTB 2,5/ 2-GF-5,08 AU



Manufacturer	PHOENIX CONTACT
MPN / Reference	MSTB 2,5/ 2-GF-5,08 AU
Catalog number	1875195
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-8D357C1BCA
Generated	2026-08-04

Product Overview

Printed-circuit board connector

Printed circuit board base housing, nominal section: 2.5 mm², color: green, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Gold, contact type: Male, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, family of articles: MSTB 2,5/..-GF, pitch: 5.08 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.5 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, Plug-in face orientation: Standard, locking: Screw lock, fixing type: Air clamping (thread), packaging type: boxed packaging, Gold contact surface / colour: Green RAL 6021

PCB headers, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Au, contact connection type: Pin, number of potentials: 2, number of rows: 1, number of positions: 2, number of connections: 2, product range: MSTB 2,5/..-GF, pitch: 5.08 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.23 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, Pin connector pattern alignment: Standard, locking: Screw locking mechanism, mounting: Threaded flange, type of packaging: packed in cardboard, Gold-plated contact surface / color: Green RAL 6021

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 MSTB 2,5/..-GF

Product line COMBICON Connectors M

Number of positions 2
Pitch 5.08 mm
Number of connections 2
Number of rows 1
Number of potentials 2
Mounting flange Threaded flange
Pin layout Linear pinning
Solder pins per potential 1
Data management status
Article revision 04
Electrical propertiesNominal current IN 12 A
Nominal voltage UN 320 V
Contact resistance 1.7 m?
Rated voltage (III/3) 250 V
Rated surge voltage (III/3) 4 kV
Rated voltage (III/2) 320 V
Rated surge voltage (III/2) 4 kV
Rated voltage (II/2) 400 V
Rated surge voltage (II/2) 4 kV
MountingMounting type Wave soldering
Pin layout Linear pinning
Flange
Tightening torque 0.3 Nm
Attachment on the PCB
Tightening torque 0.3 Nm
Screw Sheet metal screw ISO 1481-ST 2,2x6,5 C or ISO 7049-ST 2,2x6,5 C
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 partially 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) Tin (3 - 5 μm Sn)
Metal surface soldering area (middle layer) Nickel (1 - 3 μm Ni)
Material data - housing
Color (Housing) green (6021)
Insulating material PBT
Insulating material group IIIa
CTI according to IEC 60112 225
Flammability rating according to UL 94 V0
NotesNotes on operation...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSTB 2,5/ 2-GF-5,08 AU 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.