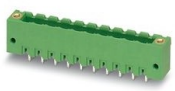
INDUSTRIAL COMPONENT DATA

MSTBV 2,5/ 3-GF-5,08 YE 1509739 PHOENIX CONTACT Printed circuit board base housing, nominal section: 2.5 mm²..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MSTBV 2,5/ 3-GF-5,08 YE



Manufacturer	PHOENIX CONTACT
MPN / Reference	MSTBV 2,5/ 3-GF-5,08 YE
Catalog number	1509739
Category	Printed circuit board connector
Minimum order	2000 Pcs
Document ID	EO-1ED274D57C
Generated	2026-11-19

Product Overview

Printed circuit board base housing, nominal section: 2.5 mm², color: yellow, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Sn, contact connection type: Male, number of rows: 1, number of poles: 3, family of articles: MSTBV 2.5/.. -GF, pitch: 5.08 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.9 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
PCB base housing, nominal cross-section: 2.5 mm², colour: yellow, nominal current: 12 A, nominal voltage (III/2): 320 V, surface contacts: Tin, contact type: Male, number of rows: 1, number of poles: 3, article family: MSTBV 2.5/.. -GF, pitch: 5.08 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.9 mm, number of solder pins per potential: 1, Plug-in system: COMBICON MSTB 2.5, Plug-in Face Orientation: Standard, Locking: Screw Locking, Fastening Type: Overhead Clamping (Thread), Packing Type: Boxed Packaging
PCB headers, nominal cross section: 2.5 mm2, color: yellow, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Pin, number of rows: 1, number of positions: 3, product range: MSTBV 2,5/..-GF, pitch: 5.08 mm, mounting: Wave soldering, pin la...

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 M
Product type PCB headers
Product family MSTBV 2,5/..-GF

Number of positions 3
Pitch 5.08 mm
Number of rows 1
Pin layout Linear pinning
Solder pins per potential 1
Electrical propertiesNominal current IN 12 A
Nominal voltage UN 320 V
Degree of pollution 3
Contact resistance 2.5 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 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) yellow (1018)
Insulating material PBT
Insulating material group IIIa
CTI according to IEC 60112 225
Flammability rating according to UL 94 V0
NotesNotes on operation In accordance with IEC 61984, COMBICON connectors have no switching power (COC). During designated use, they....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSTBV 2,5/ 3-GF-5,08 YE 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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