INDUSTRIAL COMPONENT DATA

MSTB 2,5/ 8-GF-5,08 BK 1806371 PHOENIX CONTACT PCB headers, nominal current: 12 A, rated voltage (III/2): 32..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MSTB 2,5/ 8-GF-5,08 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	MSTB 2,5/ 8-GF-5,08 BK
Catalog number	1806371
Category	Printed circuit board connector
Minimum order	100 Pcs
Document ID	EO-AF5092FBA7
Generated	2026-11-18

Product Overview

PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 8, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm
Printed circuit board base case, nominal section: 2.5 mm², color: black, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Male, number of rows: 1, number of poles: 8, family of articles: MSTB 2.5/.. -GF, pitch: 5.08 mm, screw clamping shape: L Longitudinal slot, mounting: Wave welding, pin arrangement: Linear pin arrangement, pin length [P]: 3.5 mm, number of welding 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

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

Key Commercial Data
Orderkey 1806371
Packing unit 1 pc
Minimum order quantity 1000 pc
GTIN 4017918213060
Weight per Piece (excluding packing) 5.190 g
Custom tariff number 85366930
Country of origin DE (Germany)

Drawings
Electrical parameters
Material data - housing
Dimensions for PCB design
Ambient conditions
Mechanical tests (A)
Climatic tests (D)
Vibration test
Classifications
Item properties
Material data - contact
Dimensions for the product
Packaging information
Air clearances and creepage distances
Durability tests (B)
Environmental and durability tests (E)
Standards and Regulations
Drawings
Diagram
Type: FKCT 2,5/...-STF-5,08 with MSTB 2,5/...-GF-5,08
Diagram
Type: MVSTBR 2,5/...-STF-5,08 with MSTB 2,5/...-GF-5,08
Diagram
Type: MSTBT 2,5/...-STF-5,08 with MSTB 2,5/...-GF-5,08
Diagram
Type: FRONT-MSTB 2,5/...-STF-5,08 with MSTB 2,5/...-GF-5,08
Back to topItem properties
Brief article description Feed-through header
Plug-in system CLASSIC COMBICON
Type of contact Male connector
Range of articles MSTB 2,5/..-GF
Pitch 5.08 mm
Number of positions 8
Drive form screw head Slotted (L)
Mounting type Wave soldering
Pin layout Linear pinning
Number of levels 1
Back to topElectrical parameters
Nom. voltage 320 V
Back to topMaterial 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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSTB 2,5/ 8-GF-5,08 BK 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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