INDUSTRIAL COMPONENT DATA

MSTBC 2,5/ 2-ST-5,08 1808816 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MSTBC 2,5/ 2-ST-5,08



Manufacturer	PHOENIX CONTACT
MPN / Reference	MSTBC 2,5/ 2-ST-5,08
Catalog number	1808816
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-6F5ABAF09D
Generated	2026-11-19

Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal section: 2.5 mm², color: green, nominal current: 12 A, nominal voltage (III/2): 320 V, contact type: Female, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, family of articles: MSTBC 2.5/.. -ST, pitch: 5.08 mm, connection type: Crimped connection, conductor/printed circuit board connection direction: 0 °, clamping hook: - Clamping hook, plug-in system: COMBICON MSTB 2.5, locking: without, fixing type: without, packaging type: packed in box, Corresponding crimped female contacts, with indications regarding the current [A] and the range of conductor cross-sections [mm²]: 10A/MSTBC-MT 0.5-1.0 (3190564); 10A/MSTBC-MT 0.5-1.0 BA (3190645); 12A/MSTBC-MT 1.5-2.5 (3190551); 12A/MSTBC-MT 1.5-2.5 BA (3190658). BA = Contacts on Ribbon

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 1808816
Packing unit 50 pc
Minimum order quantity 50 pc
Catalog page Page 294 (C-1-2013)
GTIN 4017918047160
Weight per Piece (excluding packing) 0.890 g
Custom tariff number 85472000

Country of origin PL (Poland)
Item properties
Brief article description Printed-circuit board connector
Plug-in system CLASSIC COMBICON
Type of contact Female connector
Range of articles MSTBC 2,5/..-ST
Pitch 5.08 mm
Number of positions 2
Connection method Crimp connection
Locking without
Number of levels 1
Number of connections 2
Number of potentials 2
Electrical parameters
Rated current 12 A
Rated insulation voltage (III/2) 320 V
Rated surge voltage (III/2) 4 kV
Connection capacity
Conductor cross section flexible 0.5 mm² ... 2.5 mm²
Conductor cross section AWG / kcmil 20 ... 14
Material data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu alloy
Metal surface terminal point (top layer) Tin (Sn)
Metal surface contact area (top layer) Tin (Sn)
Material data - housing
Insulating material PA
Insulating material group I
CTI according to IEC 60112 600
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 according to EN 60695-10-2 125 °C
Dimensions for the product
Dimensional drawing
Length [l] 16.7 mm
Width [w] 10.12 mm
Height [h] 10 mm
Pitc...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSTBC 2,5/ 2-ST-5,08 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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