INDUSTRIAL COMPONENT DATA

FRONT-MSTB 2,5/ 2-ST-5,08 1777280 PHOENIX CONTACT Printed-circuit board connector

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	FRONT-MSTB 2,5/ 2-ST-5,08
Catalog number	1777280
Category	Cable connector
Minimum order	100 Pcs
Document ID	EO-277CDECD8B
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 surface: Tin, contact type: Female, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, family of articles: FRONT-MSTB 2.5/.. -ST, pitch: 5.08 mm, connection type: Front screw connection, screw clamping form: L Longitudinal slot, conductor connection direction/printed circuit board: 0 °, clamping hook: - Clamping hook, plug-in system: COMBICON MSTB 2.5, locking: without, fixing type: without, packaging type: boxed

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 1777280
Packing unit 100 pc
Catalog page Page 269 (C-1-2013)
GTIN 4017918039431
Weight per Piece (excluding packing) 5.920 g
Custom tariff number 85366990
Country of origin DE (Germany)
Item properties
Brief article description Printed-circuit board connector

Plug-in system CLASSIC COMBICON
Type of contact Female connector
Range of articles FRONT-MSTB 2,5/..-ST
Pitch 5.08 mm
Number of positions 2
Connection method Front screw connection
Drive form screw head Slotted (L)
Screw thread M2,5
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 solid 0.34 mm² ... 2.5 mm²
Conductor cross section flexible 0.2 mm² ... 2.5 mm²
Conductor cross section AWG / kcmil 24 ... 12
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 2.5 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 2.5 mm²
2 conductors with same cross section, solid 0.2 mm² ... 1 mm²
2 conductors with same cross section, flexible 0.2 mm² ... 1.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve 0.25 mm² ... 1 mm²
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve 0.5 mm² ... 1.5 mm²
Stripping length 10 mm
Torque 0.5 Nm ... 0.6 Nm
Material data - contact
Note WEEE/RoHS-compliant...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FRONT-MSTB 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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