

INDUSTRIAL COMPONENT DATA

SMSTB 2,5/20-STF-5,08 1971248 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMSTB 2,5/20-STF-5,08



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMSTB 2,5/20-STF-5,08
Catalog number	1971248
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-2F286FAC1C
Generated	2026-08-05

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: 20, number of rows: 1, number of poles: 20, number of connections: 20, family of articles: SMSTB 2.5/.. -STF, pitch: 5.08 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal groove, connection direction conductor/printed circuit board: -45 °, clamping hook: - Clamping hook, plug-in system: COMBICON MSTB 2.5, locking: Screw locking, fixing type: Air clamping (screw), 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 1971248

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

Catalog page Page 129 (CC-2005)

GTIN 4017918931384

Weight per Piece (excluding packing) 37.790 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Length [l] 25.6 mm

Width [w] 111.76 mm

Height [h] 15.5 mm

Pitch 5.08 mm

Dimension a 96.52 mm

General

Range of articles SMSTB 2,5/...-STF

Number of positions 20

Connection method Screw connection with tension sleeve

Insulating material group I

Rated surge voltage (III/3) 4 kV

Rated surge voltage (III/2) 4 kV

Rated surge voltage (II/2) 4 kV

Rated voltage (III/3) 250 V

Rated voltage (III/2) 320 V

Rated voltage (II/2) 630 V

Connection in acc. with standard EN-VDE

Nominal current IN 12 A

Nominal cross section 2.5 mm²

Maximum load current 12 A

Insulating material PA

Flammability rating according to UL 94 V2

Internal cylindrical gage A3

Stripping length 7 mm

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

Connection data

Conductor cross section solid min. 0.2 mm²

Conductor cross section solid max. 2.5 mm²

Conductor cross section flexible min. 0.2 mm²

Conductor cross section flexible max. 2.5 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm²

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²

Conductor cross section fle...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMSTB 2,5/20-STF-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

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.