

INDUSTRIAL COMPONENT DATA

SAMPLE PTSM 0,5/ 8-2,5-V-SMD 1701091 PHOENIX CONTACT

Sample set

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAMPLE PTSM 0,5/ 8-2,5-V-SMD



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAMPLE PTSM 0,5/ 8-2,5-V-SMD
Catalog number	1701091
Category	Printed circuit board terminal
Minimum order	5 Pcs
Document ID	EO-BF2E11599B
Generated	2026-08-02

Product Overview

Sample set

Terminal block for printed circuit board, nominal current: 6 A, nominal voltage (III/2): 160 V, nominal section: 0.5 mm², number of potentials: 8, number of rows: 1, number of poles per row: 8, article family: PTSM 0.5/.. -V-SMD, pitch: 2.5 mm, connection type: Push-in spring connection, mounting: SMD soldering, conductor connection direction/printed circuit board: 90 °, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 2 mm, number of solder pins per potential: 1, packaging type: boxed. SAMPLE set with 5 items on strap. For use in a welding process, use the item without the SAMPLE identification

PCB terminal block, rated current: 6 A, sizing voltage (III/2): 160 V, nominal cross-section: 0.5 mm², number of potentials: 8, number of rows: 1, number of poles per row: 8, product series: PTSM 0.5/.. -V-SMD, pitch: 2.5 mm, connection type: Push-in spring connection, mounting: SMD soldering, conductor/board connection direction: 90 °, color: black, Pin layout: linear pad geometry, Pin length [P]: 2 mm, number of solder pins per potential: 1, package type: packed in the carton. SAMPLE set with 5 items in the belt section. In the welding process, please use items without the designation SAMPLE

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 1701091

Packing unit 5 pc

Minimum order quantity 5 pc

GTIN 4046356515108

Weight per Piece (excluding packing) 2.500 g

Custom tariff number 85369010

Country of origin IN (India)

Item properties

Brief article description PCB terminal block

Range of articles PTSM 0,5/..-V-SMD

Pitch 2.5 mm

Number of positions 8

Connection method Push-in spring connection

Mounting type SMD soldering

Pin layout Linear pad geometry

Number of levels 1

Electrical parameters

Rated current 6 A

Rated insulation voltage (III/2) 160 V

Rated surge voltage (III/2) 2.5 kV

Connection capacity

Conductor cross section solid 0.14 mm² ... 0.5 mm²

Conductor cross section flexible 0.2 mm² ... 0.5 mm² (up to 0.75 mm² supported, at a rated insulation voltage of 32 V at III/2)

Conductor cross section AWG / kcmil 26 ... 20

Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 0.5 mm²

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 0.34 mm²

Stripping length 6 mm

Material data - contact

Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu alloy

Surface characteristics hot-dip tin-plated

Metal surface terminal point (top layer) Tin (4 - 8 µm Sn)

Metal surface soldering area (top layer) Tin (4 - 8 µm Sn)

Material data - housing

Insulating material LCP

Insulating material group IIIa

CTI according to IEC 60112 175

Flammability rating according to UL 94 V0

Dimensions for the product...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAMPLE PTSM 0,5/ 8-2,5-V-SMD 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.