

INDUSTRIAL COMPONENT DATA

SAMPLE PTSM 0,5/ 4-2,5-H SMDWH 1820945 PHOENIX CONTACT Sample set

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAMPLE PTSM 0,5/ 4-2,5-H SMDWH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAMPLE PTSM 0,5/ 4-2,5-H SMDWH
Catalog number	1820945
Category	Printed circuit board terminal
Minimum order	5 Pcs
Document ID	EO-BC4E86122E
Generated	2026-08-04

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: 4, number of rows: 1, number of poles per row: 4, family of articles: PTSM 0.5/.. -H-SMD WH, pitch: 2.5 mm, connection type: Push-in spring connection, mounting: SMD soldering, driver/printed circuit board connection direction: 0 °, color: white signals, 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

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 1820945

Packing unit 5 pc

Minimum order quantity 5 pc

GTIN 4046356787628

Weight per Piece (excluding packing) 1.410 g

Custom tariff number 85369010

Country of origin IN (India)

Item properties

Brief article description PCB terminal block

Range of articles PTSM 0,5/...-H-SMD WH

Pitch 2.5 mm

Number of positions 4

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

Cylindrical gauge a x b / diameter - / 1.2 mm

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 PA GF

Insulating material group I

CTI according to IEC 60112 600

Flammability rating a...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAMPLE PTSM 0,5/ 4-2,5-H SMDWH 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 PI #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.