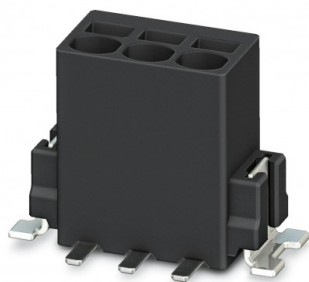


INDUSTRIAL COMPONENT DATA

PTSM 0,5/ 2-2,5-V SMD R44 1771091 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSM 0,5/ 2-2,5-V SMD R44



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTSM 0,5/ 2-2,5-V SMD R44
Catalog number	1771091
Category	Printed circuit board terminal
Minimum order	400 Pcs
Document ID	EO-28DC6205E4
Generated	2026-08-01

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 6 A, nominal voltage (III/2): 160 V, nominal section: 0.5 mm², number of potentials: 2, number of rows: 1, number of poles per row: 2, article family: PTSM 0.5/.. -V-SMD, pitch: 2.5 mm, connection type: Push-in spring connection, mounting: SMD soldering, driver/printed circuit board connection direction: 90°, color: black, Pin arrangement: Linear pin arrangement, number of potential solder pins: 1, packaging type: 44 mm wide strap

PCB terminal, Rated current: 6 A, Rated voltage (III/2): 160 V, Nominal cross-section: 0.5 mm², Number of potentials: 2, Number of rows: 1, Number of poles per row: 2, Article family: PTSM 0.5/.. -V-SMD, Pitch: 2.5mm, Connection Type: Push-in Spring Connection, Mounting: SMD Soldering, Conductor/PCB Connection Direction: 90°, Color: Black, Pin Layout: Linear Pad Geometry, Number of Solder Pins per Potential: 1, Packaging Type: Strap in 44mm Width

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 1771091

Packing unit 400 pc

Minimum order quantity 400 pc

Catalog page Page 53 (C-1-2013)

GTIN 4046356460125

Weight per Piece (excluding packing) 1.920 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 2

Connection method Push-in spring connection

Mounting type SMD soldering

Pin layout Linear pad geometry

Number of levels 1

Number of connections 2

Number of potentials 2

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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSM 0,5/ 2-2,5-V SMD R44 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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