

INDUSTRIAL COMPONENT DATA

PTSM 0,5/ 5-2,5-V SMD WH R44 1814731 PHOENIX CONTACT PCB terminal block

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTSM 0,5/ 5-2,5-V SMD WH R44
Catalog number	1814731
Category	Printed circuit board terminal
Minimum order	400 Pcs
Document ID	EO-46343BACEF
Generated	2026-08-03

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: 5, number of rows: 1, number of poles per row: 5, article family: PTSM 0.5/.. -V-SMD WH, pitch: 2.5 mm, connection type: Push-in spring connection, mounting: SMD soldering, driver/printed circuit board connection direction: 90 °, color: white signals, Pin arrangement: Linear pin arrangement, Pin length [P]: 2 mm, number of solder pins per potential: 1, packaging type: 44 mm wide strap

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 1814731

Packing unit 400 pc

Minimum order quantity 400 pc

Catalog page Page 393 (C-1-2013)

GTIN 4046356760485

Weight per Piece (excluding packing) 2.600 g

Custom tariff number 85369010

Country of origin IN (India)

Dimensions

Length [l] 7 mm

Pitch 2.5 mm

Dimension a 10 mm

Width [w] 17.6 mm

Height 9 mm

Height [h] 9 mm

Solder pin [P] 2 mm

Pin spacing 2.5 mm

General

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

Insulating material group I

Rated surge voltage (III/3) 2.5 kV

Rated surge voltage (III/2) 2.5 kV

Rated surge voltage (II/2) 2.5 kV

Rated voltage (III/3) 63 V

Rated voltage (III/2) 160 V

Rated voltage (II/2) 320 V

Connection in acc. with standard EN-VDE

Nominal current IN 6 A

Nominal cross section 0.5 mm²

Maximum load current 6 A

Insulating material HT PA

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 6 mm

Number of positions 5

Connection data

Conductor cross section solid min. 0.14 mm²

Conductor cross section solid max. 0.5 mm²

Conductor cross section flexible min. 0.2 mm²

Conductor cross section flexible max. 0.5 mm²

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

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

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

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

Conductor cross section AWG min. 26

Conductor cross section AWG max. 20

S...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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

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.