

INDUSTRIAL COMPONENT DATA

PTSM 0,5/ 6-2,5-H SMDBD1-S2R44 1702727 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSM 0,5/ 6-2,5-H SMDBD1-S2R44



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTSM 0,5/ 6-2,5-H SMDBD1-S2R44
Catalog number	1702727
Category	Printed circuit board terminal
Minimum order	770 Pcs
Document ID	EO-C146B030E6
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Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 6 A, dimensioning voltage (III/2): 160 V, nominal section: 0.5 mm², Number of potentials: 6, Number of rows: 1, Number of poles per row: 6, family of articles: PTSM 0.5/.. -H-SMD, pitch: 2.5 mm, connection type: Push-in spring connection, mounting: SMD soldering, driver/printed circuit board connection direction: 0 °, color: black, Pin arrangement: Linear pad geometry, Pin length [P]: 2 mm, 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)
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Additional Product Information

Key Commercial Data

Orderkey 1702727

Packing unit 1

GTIN 4046356609753

Custom tariff number 85369010

Item properties

Brief article description PCB terminal block

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

Pitch 2.5 mm

Number of positions 6

Connection method Push-in spring connection

Mounting type SMD soldering
Pin layout Linear pad geometry
Number of levels 1
Number of connections 6
Number of potentials 6
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
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
Dimensional drawing
Caption Schematic representation - for additional information, see product range drawing in the Download Center
Length [l] 9 mm...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSM 0,5/ 6-2,5-H SMDBD1-S2R44 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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