

INDUSTRIAL COMPONENT DATA

PTSM 0,5/ 3-2,5-H SMD PA1,3R44 1778418 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSM 0,5/ 3-2,5-H SMD PA1,3R44



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTSM 0,5/ 3-2,5-H SMD PA1,3R44
Catalog number	1778418
Category	Printed circuit board terminal
Minimum order	770 Pcs
Document ID	EO-B6A4B3777A
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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: 3, family of articles: PTSM 0.5/.. -H-SMD, pitch: 2.5mm, connection type: Push-in spring connection, mounting: SMD soldering, driver/printed circuit board connection direction: 0°, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 2mm, number of solder pins per potential: 1, packaging type: 44mm 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 1778418

Packing unit 1

GTIN 4046356526661

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 3

Connection method Push-in spring connection

Mounting type SMD soldering

Pin layout Linear pad geometry

Number of levels 1

Number of connections 3

Number of potentials 3

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 [I] 9 mm...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSM 0,5/ 3-2,5-H SMD PA1,3R44 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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