

INDUSTRIAL COMPONENT DATA

SAMPLE PTSM 0,5/ 4-2,5-V SMDWH 1821012 PHOENIX CONTACT Sample set

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAMPLE PTSM 0,5/ 4-2,5-V SMDWH
Catalog number	1821012
Category	Printed circuit board terminal
Minimum order	5 Pcs
Document ID	EO-7B68FEB0AD
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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/.. -V-SMD WH, pitch: 2.5 mm, connection type: Push-in spring connection, mounting: SMD soldering, conductor connection direction/printed circuit board: 90 °, 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)
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Additional Product Information

Key Commercial Data

Orderkey 1821012

Packing unit 5 pc

Minimum order quantity 5 pc

GTIN 4046356787703

Weight per Piece (excluding packing) 1.790 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [l] 7 mm

Pitch 2.5 mm

Dimension a 7.5 mm

Width [w] 15.1 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) 160 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 4

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

Standards and Regulations

Connectio...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAMPLE PTSM 0,5/ 4-2,5-V 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 Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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