

INDUSTRIAL COMPONENT DATA

SPT-SMD 1,5/ 2-H-3,5 R24 1824527 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT-SMD 1,5/ 2-H-3,5 R24



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPT-SMD 1,5/ 2-H-3,5 R24
Catalog number	1824527
Category	Printed circuit board terminal
Minimum order	300 Pcs
Document ID	EO-544A3E35AD
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Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 13.5 A, nominal voltage (III/2): 160 V, nominal section: 1.5 mm², number of potentials: 2, number of rows: 1, number of poles per row: 2, family of articles: SPT 1.5/.. -H-SMD, pitch: 3.5 mm, connection type: Push-in spring connection, mounting: SMD soldering, conductor connection direction/printed circuit board: 0 °, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 2 mm, number of solder pins per potential: 1, packaging type: 24 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)
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Additional Product Information

Key Commercial Data

Orderkey 1824527

Packing unit 300 pc

Minimum order quantity 300 pc

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GTIN 4046356816625

Weight per Piece (excluding packing) 2.280 g

Custom tariff number 85369010

Country of origin DE (Germany)

Item properties

Brief article description PCB terminal block

Range of articles SPT 1,5/..-H-SMD

Pitch 3.5 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 insulation voltage (III/2) 160 V

Rated surge voltage (III/2) 2.5 kV

Connection capacity

Stripping length 8 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 contact area (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

Length [l] 13.6 mm

Width [w] 7.5 mm

Height [h] 9.7 mm

Pitch 3.5 mm

Height (without solder pin) 9.7 mm

Solder pin [P] 2 mm

Pin spacing 7 mm

Pin dimensions 0.7 x 0.3 mm

Dimension a 3.5 mm

Dimensions for PCB design

Hole diameter 1.1 mm

Pin spacing 7 mm

Packaging information

Dimensional drawing

Type of packaging 24 mm wi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT-SMD 1,5/ 2-H-3,5 R24 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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