

INDUSTRIAL COMPONENT DATA

SPT 5/ 1-V-7,5 VPE500 1701369 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT 5/ 1-V-7,5 VPE500



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPT 5/ 1-V-7,5 VPE500
Catalog number	1701369
Category	Printed circuit board terminal
Minimum order	500 Pcs
Document ID	EO-3AE51051D2
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Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 41 A, nominal voltage (III/2): 630 V, nominal section: 6 mm², number of potentials: 1, number of rows: 1, number of poles per row: 1, article family: SPT 5/.. -V, pitch: 7.5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 90 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 4.6 mm, number of solder pins per potential: 2, 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)**

Additional Product Information

Key Commercial Data

Orderkey 1701369

Packing unit 1

GTIN 4046356528283

Custom tariff number 85369010

Item properties

Brief article description PCB terminal block

Range of articles SPT 5/..-V

Pitch 7.5 mm

Number of positions 1

Connection method Push-in spring connection
Mounting type Wave soldering
Pin layout Linear double pinning
Number of levels 1
Number of connections 1
Number of potentials 1
Electrical parameters
Rated current 41 A
Rated insulation voltage (III/2) 1000 V
Rated surge voltage (III/2) 8 kV
Connection capacity
Conductor cross section solid 0.2 mm² ... 10 mm²
Conductor cross section flexible 0.2 mm² ... 6 mm²
Conductor cross section AWG / kcmil 24 ... 8
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 6 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 4 mm²
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve 0.25 mm² ... 1.5 mm²
Stripping length 15 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 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 PA
Insulating material group I
CTI according to IEC 60112 600
Flammability rating according to UL 94 V0
Glow wire flammability index GWFI according to EN 60695-2-12 850
Glow wire ig...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT 5/ 1-V-7,5 VPE500 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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