

INDUSTRIAL COMPONENT DATA

SPT-SMD 1,5/12-H-3,81 R72 1824734 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT-SMD 1,5/12-H-3,81 R72



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPT-SMD 1,5/12-H-3,81 R72
Catalog number	1824734
Category	Printed circuit board terminal
Minimum order	300 Pcs
Document ID	EO-CEB0F68BD0
Generated	2026-08-03

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: 12, number of rows: 1, number of poles per row: 12, family of articles: SPT 1.5/.. -H-SMD, pitch: 3.81 mm, connection type: Push-in spring connection, mounting: SMD soldering, conductor connection direction/printed circuit board: 0°, color: black, Pin arrangement: Linear pin arrangement, number of solder pins per potential: 1, packaging type: 72 mm wide strap

Printed circuit board terminal, nominal current: 17.5 A, rated voltage (III/2): 160 V, nominal cross section: 1.5 mm², number of potentials: 12, number of rows: 1, number of positions per row: 12, product range: SPT 1.5/..-H-SMD, pitch: 3.81 mm, connection method: Push-in spring connection, mounting: SMD soldering, conductor/PCB connection direction: 0 °, color: black, Pin layout: Linear pad geometry, number of solder pins per potential: 1, type of packaging: 72 mm wide tape

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

Technical dataProduct propertiesProduct type Printed circuit board terminal

Product family SPT 1,5/..-H-SMD

Product line COMBICON Terminals S

Number of positions 12

Pitch 3.81 mm

Number of connections 12

Number of rows 1
Number of potentials 12
Pin layout Linear pad geometry
Solder pins per potential 1
Data management status
Article revision 06
Electrical propertiesNominal current IN 17.5 A
Nominal voltage UN 160 V
Rated voltage (III/3) 160 V
Rated surge voltage (III/3) 2.5 kV
Rated voltage (III/2) 160 V
Rated surge voltage (III/2) 2.5 kV
Rated voltage (II/2) 320 V
Rated surge voltage (II/2) 2.5 kV
Connection dataConnection technology
Nominal cross section 1.5 mm²
Conductor connection
Connection method Push-in spring connection
Conductor cross section rigid 0.2 mm² ... 1.5 mm²
Conductor cross section flexible 0.2 mm² ... 1.5 mm²
Conductor cross section AWG 24 ... 16
Conductor cross section flexible, with ferrule without plastic sleeve 0.2 mm² ... 1.5 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.2 mm² ... 0.75 mm²
Stripping length 8 mm
MountingMounting type SMD soldering
Pin layout Linear pad geometry
Processing notes
Process Reflow soldering
Moisture Sensitive Level MSL 1
Classification temperature Tc 260 °C
Solder cycles in the reflow 3
Material specificationsMaterial 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 sur...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT-SMD 1,5/12-H-3,81 R72 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.