

INDUSTRIAL COMPONENT DATA

SPT 5/ 2-H-7,5 MIX BK/RD 1704920 PHOENIX CONTACT

Terminal block for printed circuit board, rated current: 41..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT 5/ 2-H-7,5 MIX BK/RD



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPT 5/ 2-H-7,5 MIX BK/RD
Catalog number	1704920
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-42061832E2
Generated	2026-08-05

Product Overview

Terminal block for printed circuit board, rated current: 41 A, rated voltage: 1000 V, pitch: 7.5 mm, number of poles: 2, connection type: Push-in spring connection, mounting: Wave soldering, driver/printed circuit board connection direction: 0 °, color: multicolor

Terminal block for printed circuit board, nominal current: 41 A, nominal voltage (III/2): 1000 V, nominal section: 6 mm², number of rows: 1, number of poles per row: 2, family of articles: SPT 5/..-H, pitch: 7.5mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/printed circuit board connection direction: 0°, color: multicolor, Pin arrangement: Linear pin arrangement, Pin length [P]: 4.6mm, number of solder pins per potential: 2, packaging type: boxed Printed circuit board terminal, nominal current: 41 A, rated voltage (III/2): 1000 V, nominal cross section: 6 mm², number of rows: 1, number of positions per row: 2, product range: SPT 5/..-H, pitch: 7.5 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: multicolored, Pin layout: Linear pinning, Solder pin [P]: 4.6 mm, number of solder pins per potential: 2, type of packaging: packed in cardboard

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 5/..-H

Product line COMBICON Terminals L

Number of positions 2

Pitch 7.5 mm

Number of rows 1
Pin layout Linear pinning
Solder pins per potential 2
Data management status
Article revision 02
Electrical propertiesNominal current IN 41 A
Nominal voltage UN 1000 V
Rated voltage (III/3) 800 V
Rated surge voltage (III/3) 8 kV
Rated voltage (III/2) 1000 V
Rated surge voltage (III/2) 8 kV
Rated voltage (II/2) 1000 V
Rated surge voltage (II/2) 6 kV
Connection dataConnection technology
Nominal cross section 6 mm²
Conductor connection
Connection method Push-in spring connection
Conductor cross section rigid 0.2 mm² ... 10 mm²
Conductor cross section flexible 0.2 mm² ... 6 mm²
Conductor cross section AWG 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 ... 6 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.25 mm² ... 1.5 mm²
Stripping length 15 mm
MountingMounting type Wave soldering
Pin layout Linear pinning
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 Tin-plated
Metal surface terminal point (top layer) Tin (4 - 8 µm Sn)
Metal surface soldering area (top layer) Tin (4 - 8 µm Sn)
Materia...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT 5/ 2-H-7,5 MIX BK/RD 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.