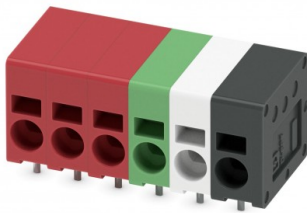


INDUSTRIAL COMPONENT DATA

SPT 2,5/ 6-H-5,0 MC RD-BK 1117021 PHOENIX CONTACT

Terminal for printed circuit board, pitch: 5 mm, number of..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT 2,5/ 6-H-5,0 MC RD-BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPT 2,5/ 6-H-5,0 MC RD-BK
Catalog number	1117021
Category	Printed circuit board terminal
Minimum order	80 Pcs
Document ID	EO-C5B186F286
Generated	2026-09-29

Product Overview

Terminal for printed circuit board, pitch: 5 mm, number of poles: 6

Terminal block for printed circuit board, nominal current: 24 A, nominal voltage (III/2): 400 V, nominal section: 2.5 mm², number of rows: 1, number of poles per row: 6, article family: SPT 2,5/..-H, pitch: 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]: 2.5mm, number of solder pins per potential: 2, packaging type: boxed Printed circuit board terminal, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm², number of rows: 1, number of positions per row: 6, product range: SPT 2,5/..-H, pitch: 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]: 2.5 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)
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Additional Product Information

Technical dataProduct propertiesProduct type Printed circuit board terminal

Product family SPT 2,5/..-H

Product line COMBICON Terminals M

Number of positions 6

Pitch 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 24 A
Nominal voltage UN 400 V
Rated voltage (III/3) 250 V
Rated surge voltage (III/3) 4 kV
Rated voltage (III/2) 400 V
Rated surge voltage (III/2) 4 kV
Rated voltage (II/2) 630 V
Rated surge voltage (II/2) 4 kV
Connection dataConnection technology
Nominal cross section 2.5 mm²
Conductor connection
Connection method Push-in spring connection
Conductor cross section rigid 0.2 mm² ... 4 mm²
Conductor cross section flexible 0.2 mm² ... 2.5 mm²
Conductor cross section AWG 24 ... 12
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 2.5 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 2.5 mm²
Stripping length 10 mm
Specifications for ferrules without insulating collar
recommended crimping tool 1212034 CRIMPFOX 6
ferrules without insulating collar, according to DIN 46228-1 Cross section: 0.25 mm²; Length: 7 mm
Cross section: 0.34 mm²; Length: 7 mm
Cross section: 0.5 mm²; Length: 8 mm
Cross section: 0.75 mm²; Length: 8 mm
Cross section: 1 mm²; Length: 8 mm
Cross section: 1.5 mm²; Length: 8 mm
Cross section: 2.5 mm²; Length: 8 mm
Specifications for ferrules with insulating collar
recommended crimp...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT 2,5/ 6-H-5,0 MC RD-BK 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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