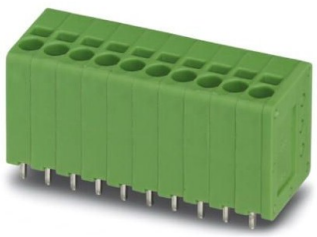
INDUSTRIAL COMPONENT DATA

SPT 1,5/ 2-V-3,5 GY 1808307 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT 1,5/ 2-V-3,5 GY



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPT 1,5/ 2-V-3,5 GY
Catalog number	1808307
Category	Printed circuit board terminal
Minimum order	340 Pcs
Document ID	EO-345B1A9BD2
Generated	2026-08-06

Product Overview

PCB terminal block
Terminal block for printed circuit board, nominal current: 17.5 A, nominal voltage (III/2): 200 V, nominal section: 1.5 mm², number of potentials: 2, number of rows: 1, number of poles per row: 2, article family: SPT 1.5/.. -V, pitch: 3.5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 90 °, color: gray, Pin arrangement: Linear pin arrangement, Pin length [P]: 2.5 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 1808307
Packing unit 1
GTIN 4046356699358
Custom tariff number 85369010
Item properties
Brief article description PCB terminal block
Range of articles SPT 1,5/..-V
Pitch 3.5 mm
Number of positions 2

Connection method Push-in spring connection
Mounting type Wave soldering
Pin layout Linear double pinning
Number of levels 1
Number of connections 2
Number of potentials 2
Electrical parameters
Rated current 17.5 A
Rated insulation voltage (III/2) 200 V
Rated surge voltage (III/2) 2.5 kV
Connection capacity
Conductor cross section solid 0.2 mm² ... 1.5 mm²
Conductor cross section flexible 0.2 mm² ... 1.5 mm²
Conductor cross section AWG / kcmil 24 ... 16
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 1.5 mm² (Stripping length 8 mm)
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 0.75 mm² (Stripping length 8 mm)
Stripping length 10 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 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 ignition temperature GWIT according to E...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT 1,5/ 2-V-3,5 GY 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.