

INDUSTRIAL COMPONENT DATA

SPTA-THR 1,5/ 6-3,81BDWH-SER44 1092719 PHOENIX CONTACT Terminal for printed circuit board, rated current: 13..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPTA-THR 1,5/ 6-3,81BDWH-SER44



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPTA-THR 1,5/ 6-3,81BDWH-SER44
Catalog number	1092719
Category	Printed circuit board terminal
Minimum order	145 Pcs
Document ID	EO-D8DD06D77F
Generated	2026-08-03

Product Overview

Terminal for printed circuit board, rated current: 13,5 A, pitch: 3,81 mm, number of poles: 6, type of connection: spring clamp push-in, mounting: Weld THR, direction for connection conductor/pcb: 45 °, color: black

PCB terminal, nominal current: 13.5 A, nominal voltage (III/2): 160 V, nominal cross-section: 1.5 mm², number of rows: 1, number of poles per row: 6, article family: SPTA 1.5/.. -THR, pitch: 3.81mm, connection type: Push-in spring connection, mounting: Solder THR, driver/PCB connection direction: 45°, color: black, Pin Arrangement: Linear Pin Arrangement, Pin Length [P]: 2.6mm, Number of Solder Pins by Potential: 1, Packing Type: 44mm Wide Belt

Printed circuit board terminal, nominal current: 17.5 A, nominal voltage (III/2): 160 V, nominal section: 1.5 mm², number of rows: 1, number of poles per row: 6, article family: SPTA 1.5/.. -THR, pitch: 3.81 mm, connection type: Push-in spring connection, mounting: THR soldering/wave soldering, conductor connection direction/printed circuit board: 45 °, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 2.6 mm, number of solder pins per potential: 1, packaging type: 44 mm wide strap

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 dataItem PropertiesProduct Type Printed Circuit Board Terminal

Product Family SPTA 1.5/.. -THR

Product Line COMBICON Terminals S

Number of poles 6
Step 3.81 mm
Number of rows 1
Pin Design Linear Pin Arrangement
Number of Solder Pins Per Potential 1
Data Maintenance Status
Article Review 05
Electrical PropertiesNominal Current IN 17.5 A
Nominal voltage UN 160 V
Sizing voltage (III/3) 160 V
Dimensioning transient voltage (III/3) 2.5 kV
Dimensioning voltage (III/2) 160 V
Dimensioning Transient Voltage (III/2) 2.5 kV
Nominal voltage (II/2) 250 V
Dimensioning transient voltage (II/2) 2.5 kV
Connection dataConnection technology
Nominal Section 1.5 mm²
Connecting Conductors
Connection type Push-in spring connection
Rigid conductor section 0.2 mm² ... 1.5 mm² (Conductor connection with open terminal point)
0.34 mm² ... 1.5 mm² (Push-in connection)
Flexible conductor section 0.5 mm² ... 1.5 mm²
AWG Conductor Section 24 ... 16
Flexible conductor section with toe cap, without plastic sleeve 0.25 mm² ... 1.5 mm²
Flexible conductor section with toe cap, with plastic sleeve 0.25 mm² ... 1.5 mm²
2 conductors with the same cross-section, flexible with TWIN toe cap with plastic sleeve 0.5 mm² ... 0.75 mm²
Peel Length 10 mm
assemblyType of mounting THR welding/wave welding
Pin Design Linear Pin Arrangement
Processing Instructions
Process Reflow/Wave Soldering
Moisture Sensitive Level MSL 1
Classification Temperature T_c 260 °C
Welding cycles. by reflux 3
Material DataMaterial data -....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPTA-THR 1,5/ 6-3,81BDWH-SER44 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.