

INDUSTRIAL COMPONENT DATA

SPTA-THR 1,5/ 7-3,81 R44 1071184 PHOENIX CONTACT

Terminal for printed circuit board, rated current: 13,5 A, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPTA-THR 1,5/ 7-3,81 R44



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPTA-THR 1,5/ 7-3,81 R44
Catalog number	1071184
Category	Printed circuit board terminal
Minimum order	145 Pcs
Document ID	EO-38A597F667
Generated	2026-08-04

Product Overview

Terminal for printed circuit board, rated current: 13,5 A, pitch: 3,81 mm, number of poles: 7, type of Connection: spring clamp push-in, mounting: Weld THR, direction for Connection conductor/pcb: 45 °, color: black

Terminal block for printed circuit board, nominal current: 13.5 A, nominal voltage (III/2): 160 V, nominal section: 1.5 mm², number of rows: 1, number of poles per row: 7, article family: SPTA 1.5/.. -THR, pitch: 3.81 mm, connection type: Push-in spring connection, mounting: Weld THR, 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)
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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 7

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 02**Electrical Properties**Nominal 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 technologyNominal 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 mm²Flexible conductor section with toe cap, with plastic sleeve 0.25 mm² ... 1.5 mm²2 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 Tc 260 °C

Welding cycles. by reflux 3

Material DataMaterial data -....**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / SPTA-THR 1,5/ 7-3,81 R44 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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