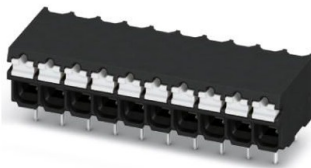


INDUSTRIAL COMPONENT DATA

SPT-THR 1,5/ 6-H-3,81 P20 R44 1823780 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT-THR 1,5/ 6-H-3,81 P20 R44



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPT-THR 1,5/ 6-H-3,81 P20 R44
Catalog number	1823780
Category	Printed circuit board terminal
Minimum order	250 Pcs
Document ID	EO-A431F2F97A
Generated	2026-08-03

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 13.5 A, nominal voltage (III/2): 160 V, nominal section: 1.5 mm², number of potentials: 6, number of rows: 1, number of poles per row: 6, article family: SPT 1.5/.. -H-THR, pitch: 3.81 mm, connection type: Push-in spring connection, mounting: Weld THR, conductor connection direction/printed circuit board: 0 °, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 2 mm, number of solder pins per potential: 2, 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

Key Commercial Data

Orderkey 1823780

Packing unit 250 pc

Minimum order quantity 250 pc

Note Made to Order (non-returnable)

Catalog page Page 11 (NTK-2014)

GTIN 4046356814430

Weight per Piece (excluding packing) 4.590 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [l] 13.6 mm

Pitch 3.81 mm

Dimension a 19.05 mm

Width [w] 23.05 mm

Height 7.7 mm

Height [h] 9.7 mm

Solder pin [P] 2 mm

Pin spacing 7 mm

Hole diameter 1.1 mm

General

Range of articles SPT 1,5/...-H-THR

Insulating material group IIIa

Rated surge voltage (III/3) 2.5 kV

Rated surge voltage (III/2) 2.5 kV

Rated surge voltage (II/2) 2.5 kV

Rated voltage (III/3) 160 V

Rated voltage (III/2) 160 V

Rated voltage (II/2) 320 V

Connection in acc. with standard EN-VDE

Nominal current I_N 13.5 ANominal cross section 1.5 mm²

Insulating material LCP

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 8 mm

Number of positions 6

Connection dataConductor cross section solid min. 0.2 mm²Conductor cross section solid max. 1.5 mm²Conductor cross section flexible min. 0.2 mm²Conductor cross section flexible max. 1.5 mm²Conductor cross section flexible, with ferrule without plastic sleeve min. 0.2 mm²Conductor cross section flexible, with ferrule without plastic sleeve max. 1.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve min. 0.2 mm²Conductor cross section flexible, with ferrule with plastic sleeve max. 0.75 mm²

Conductor cross section AWG min....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT-THR 1,5/ 6-H-3,81 P20 R44 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.