

INDUSTRIAL COMPONENT DATA

SPTAF 1/ 3-5,0-IL BK 1002141 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPTAF 1/ 3-5,0-IL BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPTAF 1/ 3-5,0-IL BK
Catalog number	1002141
Category	Printed circuit board terminal
Minimum order	125 Pcs
Document ID	EO-B538641363
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Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 16 A, nominal voltage (III/2): 320 V, nominal section: 1.5 mm², number of potentials: 3, number of rows: 1, number of poles per row: 3, family of articles: SPTAF 1/.. -IL, pitch: 5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/printed circuit board connection direction: 45 °, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 2.6 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 1002141

Packing unit 1

GTIN 4055626469065

Custom tariff number 85369010

Item properties

Brief article description PCB terminal block

Range of articles SPTAF 1/..-IL

Pitch 5 mm

Number of positions 3

Connection method Push-in spring connection

Mounting type Wave soldering

Pin layout Linear double pinning

Number of levels 1

Electrical parameters

Rated current 16 A

Rated insulation voltage (III/2) 320 V

Rated surge voltage (III/2) 4 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 ... 0.75 mm²

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 0.75 mm²

Stripping length 8 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 (2 - 4 µm Sn)

Metal surface soldering area (top layer) Tin (2 - 4 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

Dimensions for the product

Dimensional drawing

Length [l] 11 mm

Width [w] 15 mm

Height [h] 10.6 mm

Pitch 5 mm

Height (without solder pin) 8 mm

Solder pin [P] 2.6 mm

Pin spacing 5 mm

Pin dimensions 0.75 x 0.3 mm

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPTAF 1/ 3-5,0-IL 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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