

INDUSTRIAL COMPONENT DATA

SPTA 1/20-3,5 1119432 PHOENIX CONTACT Terminal for printed circuit board, rated current: 9, pitch: 3.5 mm, n..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPTA 1/20-3,5



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPTA 1/20-3,5
Catalog number	1119432
Category	Printed circuit board terminal
Minimum order	25 Pcs
Document ID	EO-0B3ACB0EEC
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Product Overview

Terminal for printed circuit board, rated current: 9, pitch: 3.5 mm, number of poles: 20, type of connection: spring clamp push-in, mounting: Soldering by wave direction for connection conductor/pcb: 65 °, color: green

Terminal block for printed circuit board, nominal current: 9 A, nominal voltage (III/2): 200 V, nominal cross-section: 1 mm², number of rows: 1, number of poles per row: 20, article family: SPTA 1/, pitch: 3.5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 65 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of welding pins per potential: 1, 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)
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Additional Product Information

Technical dataItem PropertiesProduct Type Printed Circuit Board Terminal

Product Family SPTA 1/

Product Line COMBICON Terminals S

Number of poles 20

Step 3.5 mm

Number of rows 1

Pin Design Linear Pin Arrangement

Number of Solder Pins Per Potential 1

Data Maintenance Status

Article Review 01

Electrical PropertiesNominal Current IN 9 A

Nominal voltage UN 200 V

Sizing voltage (III/3) 160 V

Dimensioning transient voltage (III/3) 2.5 kV

Dimensioning voltage (III/2) 200 V

Dimensioning Transient Voltage (III/2) 2.5 kV

Nominal voltage (II/2) 400 V

Dimensioning transient voltage (II/2) 2.5 kV

Connection dataConnection technology

Nominal Section 1 mm²

Connecting Conductors

Connection type Push-in spring connection

Rigid conductor section 0.2 mm² ... 1.5 mm²Flexible conductor section 0.2 mm² ... 1.5 mm²

AWG Conductor Section 24 ... 16

Flexible conductor section with toe cap, without plastic sleeve 0.25 mm² ... 0.75 mm²Flexible conductor section with toe cap, with plastic sleeve 0.25 mm² ... 0.75 mm²

Peel Length 8 mm

assemblyType of mounting Wave soldering

Pin Design Linear Pin Arrangement

Material DataMaterial data - contact

Observation WEEE/RoHS compliant, filament-free according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu Alloy

Surface Characteristics Malleable cast iron tinning

Metal surface of the terminal point (top layer) Tin (4 - 8 µm Sn)

Metal surface weld area (top layer) Tin (4 - 8 µm Sn)

Material data - housing

Color (Housing) Green (6021)

Insulating material PA

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPTA 1/20-3,5 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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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