

INDUSTRIAL COMPONENT DATA

SPT 16/ 5-H-10,0-ZB GY 1096849 PHOENIX CONTACT

Terminal for printed circuit board, nominal current: 76 A, st..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT 16/ 5-H-10,0-ZB GY



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPT 16/ 5-H-10,0-ZB GY
Catalog number	1096849
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-FC73560C12
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Product Overview

Terminal for printed circuit board, nominal current: 76 A, step: 10 mm, number of poles: 5, connection type: spring clamp push-in, mounting: Soldering by wave direction for connection conductor/pcb: 0 °, color: grey

Terminal block for printed circuit board, nominal current: 76 A, nominal voltage (III/2): 1000 V, nominal section: 16 mm², number of rows: 1, number of poles per row: 5, family of articles: SPT 16/.. -H, pitch: 10mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0°, color: gray, Pin arrangement: W zigzag pins, Pin length [P]: 4mm, number of potential solder pins: 3, packaging type: boxed

Printed circuit board terminal, nominal current: 76 A, rated voltage (III/2): 1000 V, nominal cross section: 16 mm², number of rows: 1, number of positions per row: 5, product range: SPT 16/.. -H, pitch: 10 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: gray, Pin layout: Zigzag pinning W, Solder pin [P]: 4 mm, number of solder pins per potential: 3, type of packaging: packed in cardboard

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 dataProduct propertiesProduct type Printed circuit board terminal

Product family SPT 16/.. -H

Product line COMBICON Terminals XL

Number of positions 5

Pitch 10 mm

Number of rows 1

Pin layout Zigzag pinning W
Solder pins per potential 3
Data management status
Article revision 00
Electrical propertiesNominal current I_N 76 A
Rated voltage U_N 1000 V
Rated voltage (III/3) 1000 V
Rated surge voltage (III/3) 8 kV
Rated voltage (III/2) 1000 V
Rated surge voltage (III/2) 8 kV
Rated voltage (II/2) 1000 V
Rated surge voltage (II/2) 6 kV
Connection dataConnection technology
Type PC terminal block can be aligned
Nominal cross section 16 mm²
Conductor connection
Connection method Push-in spring connection
Conductor cross section rigid 0.75 mm² ... 16 mm²
Conductor cross section flexible 0.75 mm² ... 16 mm²
Conductor cross section AWG 20 ... 4
Conductor cross section flexible, with ferrule without plastic sleeve 0.75 mm² ... 16 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.75 mm² ... 10 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.75 mm² ... 4 mm²
Stripping length 18 mm
MountingMounting type Wave soldering
Pin layout Zigzag pinning W
Material specificationsMaterial data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu alloy
Surface characteristics Tin-plated
Metal surface terminal point (top layer) Tin (10 - 16 µm Sn)
Metal surface sol...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT 16/ 5-H-10,0-ZB GY 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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