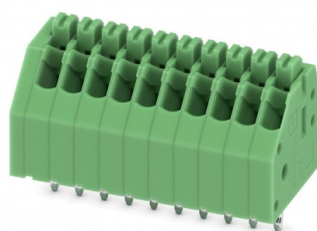


INDUSTRIAL COMPONENT DATA

PTSA 0,5/ 1-2,5-B WH SWO 1841212 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSA 0,5/ 1-2,5-B WH SWO



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTSA 0,5/ 1-2,5-B WH SWO
Catalog number	1841212
Category	Printed circuit board terminal
Minimum order	100 Pcs
Document ID	EO-C873A6DFD7
Generated	2026-08-06

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 2 A, nominal voltage (III/2): 250 V, nominal cross-section: 0.5 mm², number of potentials: 1, number of rows: 1, number of poles per row: 1, article family: PTSA 0.5, pitch: 2.5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 45 °, color: white, Pin arrangement: Linear rear pin arrangement, Pin length [P]: 3.6 mm, number of solder pins per potential: 1, packaging type: boxed

Printed circuit board terminal, nominal current: 2 A, rated voltage (III/2): 250 V, nominal cross section: 0.5 mm², number of potentials: 1, number of rows: 1, number of positions per row: 1, product range: PTSA 0,5, pitch: 2.5 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: white, Pin layout: Linear back pinning, Solder pin [P]: 3.6 mm, number of solder pins per potential: 1, 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)

Additional Product Information

Technical dataProduct propertiesProduct type Printed circuit board terminal

Product family PTSA 0,5

Product line COMBICON Terminals XS

Type PC termination block

Number of positions 1

Pitch 2.5 mm
Number of connections 1
Number of rows 1
Number of potentials 1
Pin layout Linear back pinning
Solder pins per potential 1
Data management status
Article revision 00
Electrical propertiesNominal current I_N 2 A
Nominal voltage U_N 250 V
Rated voltage (III/3) 63 V
Rated surge voltage (III/3) 2.5 kV
Rated voltage (III/2) 250 V
Rated surge voltage (III/2) 2.5 kV
Rated voltage (II/2) 320 V
Rated surge voltage (II/2) 2.5 kV
Connection dataConnection technology
Type PC termination block
Nominal cross section 0.5 mm²
Conductor connection
Connection method Push-in spring connection
Conductor cross section rigid 0.14 mm² ... 0.5 mm²
Conductor cross section flexible 0.2 mm² ... 0.5 mm²
Conductor cross section AWG 24 ... 20
Stripping length 9 mm
MountingMounting type Wave soldering
Pin layout Linear back pinning
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 hot-dip tin-plated
Metal surface terminal point (top layer) Tin (4 - 8 µm Sn)
Metal surface soldering area (top layer) Tin (4 - 8 µm Sn)
Material data - housing
Color (Housing) white (9010)
Insulating material PA
Insulating material group I
CTI according to IEC 60112 600
Flammability rating according to UL 9...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSA 0,5/ 1-2,5-B WH SWO 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.