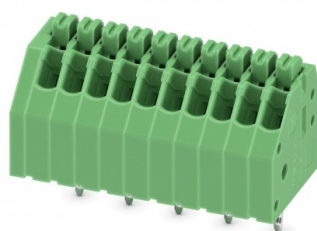


INDUSTRIAL COMPONENT DATA

PTSA 0,5/21-2,5-Z MIX GN/GY 1765777 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSA 0,5/21-2,5-Z MIX GN/GY



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTSA 0,5/21-2,5-Z MIX GN/GY
Catalog number	1765777
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-57F2813740
Generated	2026-08-05

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: 21, number of rows: 1, number of poles per row: 21, article family: PTSA 0.5, pitch: 2.5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/printed circuit board connection direction: 45 °, color: multicolor, Pin arrangement: Zigzag Pins M, Pin length [P]: 3.6 mm, number of welding 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: 21, number of rows: 1, number of positions per row: 21, product range: PTSA 0,5, pitch: 2.5 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: multicolored, Pin layout: Zigzag pinning M, 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 21

Pitch 2.5 mm
Number of connections 21
Number of rows 1
Number of potentials 21
Pin layout Zigzag pinning M
Solder pins per potential 1
Data management status
Article revision 01
Electrical propertiesNominal current I_N 2 A
Nominal voltage U_N 250 V
Rated voltage (III/3) 160 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) 400 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 Zigzag pinning M
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) multicolored ()
Insulating material PA
Insulating material group I
CTI according to IEC 60112 600
Flammability rating according to UL....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSA 0,5/21-2,5-Z MIX GN/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

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.