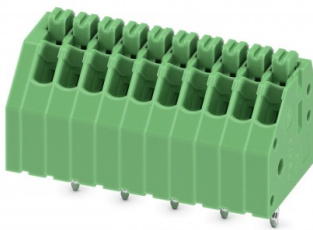


INDUSTRIAL COMPONENT DATA

PTSA 0,5/ 3-2,5-Z GY 1708698 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSA 0,5/ 3-2,5-Z GY



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTSA 0,5/ 3-2,5-Z GY
Catalog number	1708698
Category	Printed circuit board terminal
Minimum order	1 Pcs
Document ID	EO-5AC8D753B1
Generated	2026-09-29

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 2 A, dimensioning voltage (III/2): 250 V, nominal cross-section: 0.5 mm², Number of potentials: 3, Number of rows: 1, Number of poles per row: 3, 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: gray, Pin arrangement: Zigzag pins M, Pin length [P]: 3.6 mm, 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: 3, number of rows: 1, number of positions per row: 3, product range: PTSA 0,5, pitch: 2.5 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, 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)
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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 3

Pitch 2.5 mm

Number of connections 3

Number of rows 1
Number of potentials 3
Pin layout Zigzag pinning M
Solder pins per potential 1
Data management status
Article revision 00
Electrical propertiesNominal current IN 2 A
Nominal voltage UN 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 ()
Insulating material PA
Insulating material group I
CTI according to IEC 60112 600
Flammability rating according to UL 94 V0
Glow wire flammab...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSA 0,5/ 3-2,5-Z 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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