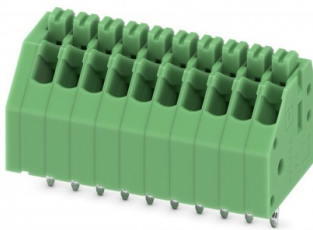


INDUSTRIAL COMPONENT DATA

PTSA 0,5/12-2,5-F BU 1092250 PHOENIX CONTACT Terminal for printed circuit board, nominal current: 2 A, step:..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSA 0,5/12-2,5-F BU



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTSA 0,5/12-2,5-F BU
Catalog number	1092250
Category	Printed circuit board terminal
Minimum order	250 Pcs
Document ID	EO-AD66BEB687
Generated	2026-09-29

Product Overview

Terminal for printed circuit board, nominal current: 2 A, step: 2.5 mm, number of poles: 12, connection type: spring clamp push-in, mounting: Soldering by wave direction for connection conductor/pcb: 45 °, color: blue

Terminal block for printed circuit board, nominal current: 2 A, nominal voltage (III/2): 250 V, nominal cross-section: 0.5 mm², number of rows: 1, number of poles per row: 12, 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: blue, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.6 mm, number of solder pins per potential: 1, packaging type: boxed PCB terminal block, rated current: 2 A, sizing voltage (III/2): 250 V, nominal cross-section: 0.5 mm², number of rows: 1, number of poles per row: 12, product series: PTSA 0.5, pitch: 2.5 mm, connection type: Push-in spring connection, mounting: wave soldering, conductor/board connection direction: 45 °, colour: blue, Pin layout: Linear Pinning, Pin Length [P]: 3.6mm, Number of Solder Pins Per Potential: 1, Package Type: Packed in Carton

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 dataArticle featuresProduct Type PCB terminal block

Product Family PTSA 0.5

Product Line COMBICON Terminals XS

Number of poles 12

Step 2.5 mm

Number of rows 1

Pin Layout Linear Pinning
Number of Welding Pins per Potential 1
Data maintenance status
Article review 00
Electrical characteristicsRated Current IN 2 A
Rated voltage UN 250 V
Sizing voltage (III/3) 63 V
Sizing impulse voltage (III/3) 2.5 kV
Sizing voltage (III/2) 250 V
Sizing Impulse Voltage (III/2) 2.5 kV
Sizing voltage (II/2) 320 V
Sizing Impulse Voltage (II/2) 2.5 kV
Connection dataConnection technology
type Block of terminal blocks for printed circuit boards
Nominal cross-section 0.5 mm²
Conductor connection
Link Push-in spring connection
Rigid conductor cross-section 0.14 mm² ... 0.5 mm²
Flexible conductor cross-section 0.2 mm² ... 0.5 mm²
Conductor cross-section AWG 24 ... 20
Length of the section to be stripped 9 mm
MontageMounting type Wave Soldering
Pin Layout Linear Pinning
Material informationMaterial information - contacts
note Complies with WEEE/RoHS, no thread-like materials according to IEC 60068-2-82/JEDEC JESD 201
Contact Material Cu Alloy
Surface Finish Hot-dip galvanizing
Metal Surface, Connection Point (Surface Layer) Tin (4 - 8 um Sn)
Metal Surface Welding Area (Surface Layer) Tin (4 - 8 um Sn)
Material information - case
Color (Case) Blue (5015)
Insulation material PA
Insulation Material Group The
CTI according to IEC 60112 600
Combustibility class according to UL 94 V0
Flammability in...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSA 0,5/12-2,5-F BU 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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