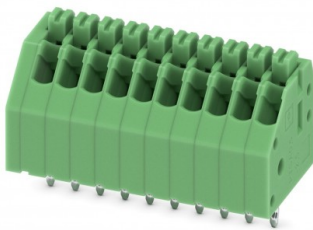


INDUSTRIAL COMPONENT DATA

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-2A630E1875
Generated	2026-08-04

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

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