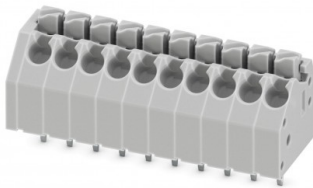


INDUSTRIAL COMPONENT DATA

PTSA 1,5/10-3,5-F GY7042 1710115 PHOENIX CONTACT

Spring-cage PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSA 1,5/10-3,5-F GY7042



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTSA 1,5/10-3,5-F GY7042
Catalog number	1710115
Category	Printed circuit board terminal
Minimum order	100 Pcs
Document ID	EO-5CECC9F21C
Generated	2026-09-29

Product Overview

Spring-cage PCB terminal block

Terminal block for printed circuit board, nominal current: 8 A, nominal voltage (III/2): 250 V, nominal cross-section: 1.5 mm², number of potentials: 10, number of rows: 1, number of poles per row: 10, article family: PTSA 1.5, pitch: 3.5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 45 °, color: gray, Pin arrangement: Front linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 1, packaging type: boxed. Welding pins in the anterior area, one row

Printed circuit board terminal, nominal current: 8 A, rated voltage (III/2): 250 V, nominal cross section: 1.5 mm², number of potentials: 10, number of rows: 1, number of positions per row: 10, product range: PTSA 1,5, pitch: 3.5 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: gray, Pin layout: Linear front pinning, Solder pin [P]: 3.5 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard. Soldering legs in front area, one-rowed

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 1,5

Product line COMBICON Terminals S

Number of positions 10

Pitch 3.5 mm

Number of connections 10
Number of rows 1
Number of potentials 10
Pin layout Linear front pinning
Solder pins per potential 1
Data management status
Article revision 03
Electrical propertiesNominal current I_N 8 A
Nominal voltage U_N 250 V
Rated voltage (III/3) 200 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 1.5 mm²
Conductor connection
Connection method Push-in spring connection
Conductor cross section rigid 0.2 mm² ... 1.5 mm²
Conductor cross section flexible 0.2 mm² ... 1.5 mm²
Conductor cross section AWG 24 ... 16
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 1 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 0.5 mm²
Stripping length 9 mm
MountingMounting type Wave soldering
Pin layout Linear front 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 -...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSA 1,5/10-3,5-F GY7042 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.