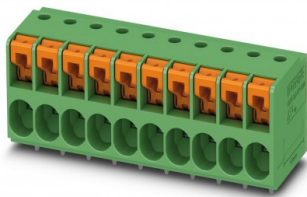


INDUSTRIAL COMPONENT DATA

TDPT 2,5/ 2-SP-5,08 GY7035 1128242 PHOENIX CONTACT

Terminal for printed circuit board, pitch: 5,08 mm, numbe..

Brand: PHOENIX CONTACT | Manufacturer Part Number: TDPT 2,5/ 2-SP-5,08 GY7035



Manufacturer	PHOENIX CONTACT
MPN / Reference	TDPT 2,5/ 2-SP-5,08 GY7035
Catalog number	1128242
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-D9C64AD5C6
Generated	2026-08-05

Product Overview

Terminal for printed circuit board, pitch: 5,08 mm, number of poles: 2

Terminal block for printed circuit board, nominal current: 32 A, nominal voltage (III/2): 400 V, nominal section: 2.5 mm², number of rows: 1, number of poles per row: 2, article family: TDPT 2.5/.. -SP, pitch: 5.08 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/printed circuit board connection direction: 0 °, color: light gray, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 2, packaging type: boxed

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 dataItem PropertiesProduct Type Printed Circuit Board Terminal

Product Family TDPT 2.5/.. -SP

Product Line COMBICON Terminals M

Number of poles 2

Step 5.08 mm

Number of rows 1

Pin Design Linear Pin Arrangement

Number of Solder Pins Per Potential 2

Data Maintenance Status

Article Review 00

Electrical PropertiesNominal Current IN 32 A

Nominal voltage UN 400 V
Sizing voltage (III/3) 320 V
Dimensioning transient voltage (III/3) 4 kV
Dimensioning voltage (III/2) 400 V
Dimensioning Transient Voltage (III/2) 4 kV
Nominal voltage (II/2) 630 V
Dimensioning transient voltage (II/2) 4 kV
Connection dataConnection technology
Nominal Section 2.5 mm²
Connecting Conductors
Connection type Push-in spring connection
Rigid conductor section 0.2 mm² ... 4 mm² (Conductor connection with open terminal point)
0.75 mm² ... 4 mm² (Push-in connection)
Flexible conductor section 0.2 mm² ... 4 mm²
AWG Conductor Section 24 ... 12
Flexible conductor section with toe cap, without plastic sleeve 0.2 mm² ... 2.5 mm²
Flexible conductor section with toe cap, with plastic sleeve 0.2 mm² ... 2.5 mm²
2 conductors with the same cross-section, flexible with TWIN toe cap with plastic sleeve 0.5 mm² ... 0.75 mm²
Peel Length 10 mm
assemblyType of mounting Wave soldering
Pin Design Linear Pin Arrangement
Material DataMaterial data - contact
Observation WEEE/RoHS compliant, filament-free according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu Alloy
Surface Characteristics Galvanically tinned
Metal sur...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TDPT 2,5/ 2-SP-5,08 GY7035 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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