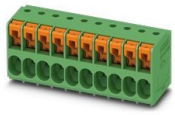
INDUSTRIAL COMPONENT DATA

TDPT 2,5/ 2-SP-5,08 GY 1443296 PHOENIX CONTACT Printed circuit board terminal, nominal current: 32 A, nomina..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	TDPT 2,5/ 2-SP-5,08 GY
Catalog number	1443296
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-754E816777
Generated	2026-08-04

Product Overview

Printed circuit board terminal, 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: gray, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 2, packaging type: boxed
PCB terminal, rated current: 32 A, rated voltage (III/2): 400 V, rated cross-section: 2.5 mm², number of rows: 1, number of poles per row: 2, item family: TDPT 2.5/.. -SP, pitch: 5.08mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0°, color: gray, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5mm, number of solder pins per potential: 2, Packing type: boxed packaging
PCB terminal block, nominal current: 32 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm2, number of rows: 1, number of positions per row: 2, product range: TDPT 2,5/..-SP, pitch: 5.08 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: gray, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm, number of solder pins per potential: 2, 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)

Additional Product Information

Technical dataProduct propertiesProduct line COMBICON Terminals M
Product type Printed circuit board terminal
Product family TDPT 2,5/..-SP
Number of positions 2

Pitch 5.08 mm
Number of rows 1
Pin layout Linear pinning
Solder pins per potential 2
Electrical propertiesNominal current IN 32 A
Nominal voltage UN 400 V
Degree of pollution 3
Rated voltage (III/3) 320 V
Rated surge voltage (III/3) 4 kV
Rated voltage (III/2) 400 V
Rated surge voltage (III/2) 4 kV
Rated voltage (II/2) 630 V
Rated surge voltage (II/2) 4 kV
Connection dataConnection technology
Nominal cross section 2.5 mm²
Conductor connection
Connection method Push-in spring connection
Conductor cross section rigid 0.2 mm² ... 4 mm² (Conductor connection with open terminal point)
0.75 mm² ... 4 mm² (Push-in connection)
Conductor cross section flexible 0.2 mm² ... 4 mm²
Conductor cross section AWG 24 ... 12
Conductor cross section flexible, with ferrule without plastic sleeve 0.2 mm² ... 2.5 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.2 mm² ... 2.5 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm² ... 0.75 mm²
Stripping length 10 mm
MountingMounting type Wave soldering
Pin layout Linear 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 Tin-plated
Metal surface terminal point (top layer) Tin (10 - 1...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TDPT 2,5/ 2-SP-5,08 GY with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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