INDUSTRIAL COMPONENT DATA

PTDA 2,5/12-PH-5,0 1725678 PHOENIX CONTACT Plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTDA 2,5/12-PH-5,0



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTDA 2,5/12-PH-5,0
Catalog number	1725678
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-EE9C6187D6
Generated	2026-11-19

Product Overview

Plug
Connector for printed circuit board, nominal section: 2.5 mm², color: green, nominal current: 14 A, nominal voltage (III/2): 400 V, contact surface: Tin, contact type: Female, number of potentials: 12, number of rows: 1, number of poles: 12, number of connections: 24, family of articles: PTDA 2.5/.. -PH, pitch: 5mm, connection type: Push-in spring connection, driver/printed circuit board connection direction: 45°, plug-in system: COMBICON PST 1.3, lock: without, fixing type: without, 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

Key Commercial Data
Orderkey 1725678
Packing unit 50 pc
Minimum order quantity 50 pc
Catalog page Page 409 (C-1-2013)
GTIN 4046356129855
Weight per Piece (excluding packing) 20.090 g
Custom tariff number 85366990
Country of origin DE (Germany)
Dimensions
Length [l] 20 mm

Width [w] 61.4 mm
Height [h] 16 mm
Pitch 5 mm
Dimension a 55 mm
General
Range of articles PTDA 2,5/..-PH
Number of positions 12
Connection method Push-in spring connection
Insulating material group I
Rated surge voltage (III/3) 4 kV
Rated surge voltage (III/2) 4 kV
Rated surge voltage (II/2) 4 kV
Rated voltage (III/3) 320 V
Rated voltage (III/2) 400 V
Rated voltage (II/2) 630 V
Connection in acc. with standard EN-VDE
Nominal current IN 13.5 A
Nominal cross section 2.5 mm²
Maximum load current 13.5 A
Insulating material PA
Flammability rating according to UL 94 V0
Stripping length 10 mm
Connection data
Conductor cross section solid min. 0.2 mm²
Conductor cross section solid max. 2.5 mm²
Conductor cross section flexible min. 0.2 mm²
Conductor cross section flexible max. 2.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min. 0.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min. 0.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max. 1 mm²
Conductor cross section AWG min. 24
Conductor cross section AWG max. 14
2 conductors with same cross section,....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTDA 2,5/12-PH-5,0 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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