INDUSTRIAL COMPONENT DATA

PTSM 0,5/ 6-PI-2,5 WH 1709454 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSM 0,5/ 6-PI-2,5 WH

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	PTSM 0,5/ 6-PI-2,5 WH
Catalog number	1709454
Category	Cable connector
Minimum order	100 Pcs
Document ID	EO-DE71242045
Generated	2026-11-19

Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal section: 0.5 mm², color: white, nominal current: 6 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, family of articles: PTSM 0.5/.. -PI WH, pitch: 2.5 mm, connection type: Push-in spring connection, conductor/printed circuit board connection direction: 0°, plug-in system: COMBICON PTSM, 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 1709454
Packing unit 100 pc
Minimum order quantity 100 pc
GTIN 4055626130385
Weight per Piece (excluding packing) 1.640 g
Custom tariff number 85366990
Country of origin DE (Germany)
Dimensions
Length [l] 15.5 mm

Width [w] 16.7 mm
Height [h] 5 mm
Pitch 2.5 mm
Dimension a 12.5 mm
General
Range of articles PTSM 0,5/..-PI WH
Number of positions 6
Connection method Push-in spring connection
Insulating material group I
Rated surge voltage (III/3) 1.5 kV
Rated surge voltage (III/2) 2.5 kV
Rated surge voltage (II/2) 2.5 kV
Rated voltage (III/3) 100 V
Rated voltage (III/2) 160 V
Rated voltage (II/2) 320 V
Connection in acc. with standard EN-VDE
Nominal current IN 6 A
Nominal cross section 0.5 mm²
Maximum load current 6 A
Insulating material PA
Flammability rating according to UL 94 V0
Stripping length 6 mm
Connection data
Conductor cross section solid min. 0.14 mm²
Conductor cross section solid max. 0.5 mm²
Conductor cross section flexible min. 0.2 mm²
Conductor cross section flexible max. 0.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max. 0.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max. 0.34 mm²
Conductor cross section AWG min. 24
Conductor cross section AWG max. 20
Standards and Regulations
Connection in acc. with standard...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSM 0,5/ 6-PI-2,5 WH 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.