

**INDUSTRIAL COMPONENT DATA**

# PTSM 0,5/ 2-PL-2,5 WH 1709457 PHOENIX CONTACT

## Printed-circuit board connector

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



|                 |                       |
|-----------------|-----------------------|
| Manufacturer    | PHOENIX CONTACT       |
| MPN / Reference | PTSM 0,5/ 2-PL-2,5 WH |
| Catalog number  | 1709457               |
| Category        | Cable connector       |
| Minimum order   | 250 Pcs               |
| Document ID     | EO-796B8388B6         |
| Generated       | 2026-08-05            |

### Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 0.5 mm<sup>2</sup>, color: white, nominal current: 6 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Female, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, family of articles: PTSM 0.5/.. -PL WH, pitch: 2.5mm, connection type: Push-in spring connection, conductor/printed circuit board connection direction: 0°, plug-in system: COMBICON PTSM, lock: Snap-in lock, fixing type: Snap flange, packing 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 &gt; PCB Connectors (PCC)

### Additional Product Information

Key Commercial Data

Orderkey 1709457

Packing unit 250 pc

Minimum order quantity 250 pc

Note Made to Order (non-returnable)

GTIN 4055626130439

Weight per Piece (excluding packing) 0.610 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Length [ l ] 15 mm  
Width [ w ] 11.46 mm  
Height [ h ] 5.2 mm  
Pitch 2.5 mm  
Dimension a 2.5 mm  
General  
Range of articles PTSM 0,5/..-PL WH  
Number of positions 2  
Connection method Push-in spring connection  
Insulating material group I  
Rated surge voltage (III/3) 2.5 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 I<sub>N</sub> 6 A  
Nominal cross section 0.5 mm<sup>2</sup>  
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 mm<sup>2</sup>  
Conductor cross section solid max. 0.5 mm<sup>2</sup>  
Conductor cross section flexible min. 0.2 mm<sup>2</sup>  
Conductor cross section flexible max. 0.5 mm<sup>2</sup>  
Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm<sup>2</sup>  
Conductor cross section flexible, with ferrule without plastic sleeve max. 0.5 mm<sup>2</sup>  
Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm<sup>2</sup>  
Conductor cross section flexible, with ferrule with plastic sleeve max. 0.34 mm<sup>2</sup>  
Conductor cross section AWG min. 24  
Conductor cross section AWG max. 20  
Standards and Regulati...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSM 0,5/ 2-PL-2,5 WH with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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