INDUSTRIAL COMPONENT DATA

# PTSM 0,5/ 6-P-2,5 WH 1704859 PHOENIX CONTACT Plug component, Nominal current: 6 A, Rated voltage (III/2): 16..

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



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | PTSM 0,5/ 6-P-2,5 WH |
| Catalog number | 1704859 |
| Category | Cable connector |
| Minimum order | 100 Pcs |
| Document ID | EO-95DAE80CB2 |
| Generated | 2026-11-18 |

## Product Overview

Plug component, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 2.5 mm, Connection method: Push-in spring connection, Color: white, Contact surface: Tin
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: Female, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, family of articles: PTSM 0.5/.. -P WH, pitch: 2.5mm, 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

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|---|---|
| Catalog path | PHOENIX CONTACT > PCB Connectors (PCC) |

## Additional Product Information

Dimensions
Length 15 mm
Height 5 mm
Pitch 2.50 mm
Dimension a 12.5 mm
General
Range of articles PTSM 0,5/..-P
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 IN 6 A
Nominal cross section 0.5 mm²
Maximum load current 6 A
Insulating material HT PA
Flammability rating according to UL 94 V0
Stripping length 6 mm
Number of positions 6
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 AWG min. 24
Conductor cross section AWG max. 20
Minimum AWG according to UL/CUL 26
Maximum AWG according to UL/CUL 20

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSM 0,5/ 6-P-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

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