

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-2F6F98327D
Generated	2026-08-04

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

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 I_N 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
ETIM for 1704859 Connectors (EC002638)
Feature Name
Feature Value
Type of connection (EF000064)
Other
Contact type (EF001587)
Bus
Number of poles (EF001391)
6
Number of plug-in contact rows (EF006935)
1
Modular spacing contacts (EF007326)
2.5 mm
Modular spacing connections (EF006827)
2.5 mm
Angle contact/conductor connection (EF007546)
Other
Rated current I_n (EF008250)
6 A
Rated voltage (EF000228)
160 V
Rated surge voltage (EF002993)
2....

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

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.