

INDUSTRIAL COMPONENT DATA

PTSM 0,5/ 6-PL-2,5 BK 1709447 PHOENIX CONTACT

Printed-circuit board connector

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTSM 0,5/ 6-PL-2,5 BK
Catalog number	1709447
Category	Cable connector
Minimum order	100 Pcs
Document ID	EO-3604059CDB
Generated	2026-08-04

Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 0.5 mm², color: black, rated current: 6 A, sizing voltage (III/2): 160 V, surface contacts: Tin, contact type: Connection female, Number of potentials: 6, Number of rows: 1, Number of poles per row: 6, number of connections: 6, article family: PTSM 0.5/.. -PL, pitch: 2.5 mm, connection type: Push-in spring connection, conductor/printed circuit board connection address: 0°, Stecksystem: COMBICON COMPACT PTSM, Lock: Locking by socket, packaging type: boxed packaging

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)
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Additional Product Information

Key Commercial Data

Orderkey 1709447

Packing unit 1

GTIN 4055626130859

Custom tariff number 85366990

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss 7.027440309eCl@ss 8.027440309eCl@ss 9.027440309

ETIM 5.0EC002638ETIM 6.0EC002638

UNSPSC 13.239121409

ETIM for 1709447 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 In (EF008250)

6 A

Rated voltage (EF000228)

160 V

Rated surge voltage (EF002993)

2.5 kV

Over voltage category (EF006785)

III

Pollution degree (EF006786)

2

Connectable conductor cross section fine-strand without cable end sleeve (EF007341)

0.2 mm²

Connectable conductor cross section fine-strand with cable end sleeve (EF007339)

0.25 mm²

Connectable conductor cross section solid-core (EF007337)

0.14 mm²

Type of electric connection (EF003961)

Spring clamp connection

Connectable cable type (EF006816)

Tubular cable

Material of contact surface (EF004020)

Tin

Material contact (EF007544)

Copper

Material insulation body (EF007543)

Polyamide (PA)

Housing material (EF001596)

Other

Housing colour (EF000136)

Black

Inflammability class of....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSM 0,5/ 6-PL-2,5 BK 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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