

INDUSTRIAL COMPONENT DATA

PTSM 0,5/ 8-P-2,5 1778890 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSM 0,5/ 8-P-2,5



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTSM 0,5/ 8-P-2,5
Catalog number	1778890
Category	Cable connector
Minimum order	100 Pcs
Document ID	EO-19520A6E38
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Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 0.5 mm², color: black, nominal current: 6 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Female, number of potentials: 8, number of rows: 1, number of poles: 8, number of connections: 8, family of articles: PTSM 0.5/.. -P, 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

Key Commercial Data

Orderkey 1778890

Packing unit 100 pc

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GTIN 4046356530101

Weight per Piece (excluding packing) 2.160 g

Custom tariff number 85366990

Country of origin PL (Poland)

Dimensions

Length [l] 15 mm

Width [w] 21.1 mm

Height [h] 5 mm

Pitch 2.5 mm

Dimension a 17.5 mm

General

Range of articles PTSM 0,5/...-P

Number of positions 8

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_N 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

Minimum AWG according to UL/CUL 26

Maximum AWG according to UL/...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSM 0,5/ 8-P-2,5 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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