INDUSTRIAL COMPONENT DATA

PTSM 0,5/ 2-P-2,5 1778832 PHOENIX CONTACT Printed-circuit board connector

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTSM 0,5/ 2-P-2,5
Catalog number	1778832
Category	Cable connector
Minimum order	250 Pcs
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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: 2, number of rows: 1, number of poles: 2, number of connections: 2, 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
PCB connector, nominal cross section: 0.5 mm2, color: black, nominal current: 6 A, rated voltage (III/2): 160 V, contact surface: Sn, contact connection type: Socket, number of potentials: 2, number of rows: 1, number of positions: 2, number of connections: 2, product range: PTSM 0,5/..-P, pitch: 2.5 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, plug-in system: COMBICON PTSM, locking: without, mounting: without, type of packaging: packed in cardboard

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

Technical dataProduct propertiesProduct type PCB connector
Product family PTSM 0,5/..-P
Product line COMBICON Connectors XS
Type Standard
Number of positions 2

Pitch 2.5 mm
Number of connections 2
Number of rows 1
Number of potentials 2
Mounting flange without
Data management status
Article revision 02
Electrical propertiesNominal current IN 6 A
Nominal voltage UN 160 V
Contact resistance 3 m?
Rated voltage (III/3) 100 V
Rated surge voltage (III/3) 2.5 kV
Rated voltage (III/2) 160 V
Rated surge voltage (III/2) 2.5 kV
Rated voltage (II/2) 320 V
Rated surge voltage (II/2) 2.5 kV
Connection dataConnection technology
Type Standard
Connector system COMBICON PTSM
Nominal cross section 0.5 mm²
Contact connection type Socket
Interlock
Locking type without
Mounting flange without
Conductor connection
Connection method Push-in spring connection
Conductor/PCB connection direction 0 °
Conductor cross section rigid 0.14 mm² ... 0.5 mm²
Conductor cross section flexible 0.2 mm² ... 0.5 mm² (up to 0.75 mm² supported, with a stripping length of 7.5 mm and a rated insulation voltage of 32 V at III/2)
Conductor cross section AWG 24 ... 20
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 0.5 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 0.34 mm² (possible from 0.14 mm², when using ferrule AI 0.14- 6 GY in combination with crimping pliers CRIMPFOX 10T-F)
Cylindrical gauge a x b / diameter - / 1.2 mm
Stripping length 6 mm
S...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSM 0,5/ 2-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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