

INDUSTRIAL COMPONENT DATA

SAMPLE PTSM 0,5/ 5-2,5-H-THR 1701096 PHOENIX CONTACT

Sample set

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAMPLE PTSM 0,5/ 5-2,5-H-THR



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAMPLE PTSM 0,5/ 5-2,5-H-THR
Catalog number	1701096
Category	Printed circuit board terminal
Minimum order	5 Pcs
Document ID	EO-87FA6DC91B
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Product Overview

Sample set

Terminal block for printed circuit board, nominal current: 6 A, nominal voltage (III/2): 160 V, nominal section: 0.5 mm², number of potentials: 5, number of rows: 1, number of poles per row: 5, article family: PTSM 0.5/..-H-THR, pitch: 2.5 mm, connection type: Push-in spring connection, mounting: Weld THR, conductor connection direction/printed circuit board: 0 °, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 2.1 mm, number of solder pins per potential: 2, packaging type: boxed packaging. SAMPLE set with 5 items on strap. For use in a welding process, use the item without the SAMPLE identification

Printed circuit board terminal, nominal current: 6 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm², number of potentials: 5, number of rows: 1, number of positions per row: 5, product range: PTSM 0.5/..-H-THR, pitch: 2.5 mm, connection method: Push-in spring connection, mounting: THR soldering / wave soldering, conductor/PCB connection direction: 0 °, color: black, Pin layout: Linear pinning, Solder pin [P]: 2.1 mm, number of solder pins per potential: 2, type of packaging: packed in cardboard. SAMPLE set with 5 items in belt section. When used as part of soldering process, please use items without SAMPLE marking

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

Technical dataProduct propertiesProduct type Printed circuit board terminal

Product family PTSM 0,5/..-H-THR

Product line COMBICON Terminals XS

Type Component suitable for through hole reflow

Number of positions 5

Pitch 2.5 mm

Number of connections 5

Number of rows 1

Number of potentials 5

Pin layout Linear pinning

Solder pins per potential 2

Data management status

Article revision 01

Electrical propertiesNominal current IN 6 A

Nominal voltage UN 160 V

Rated voltage (III/3) 63 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) 200 V

Rated surge voltage (II/2) 2.5 kV

Connection dataConnection technology

Type Component suitable for through hole reflow

Nominal cross section 0.5 mm²

Conductor connection

Connection method Push-in spring connection

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 26 ... 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

MountingMounting type THR soldering / wave soldering

Pin layout....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAMPLE PTSM 0,5/ 5-2,5-H-THR 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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