

## INDUSTRIAL COMPONENT DATA

# SAMPLE PTSM 0,5/ 6-2,5-H-THR 1701097 PHOENIX CONTACT

## Sample set

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAMPLE PTSM 0,5/ 6-2,5-H-THR



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SAMPLE PTSM 0,5/ 6-2,5-H-THR   |
| Catalog number  | 1701097                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 5 Pcs                          |
| Document ID     | EO-1EE4107C0C                  |
| Generated       | 2026-08-02                     |

## Product Overview

### Sample set

Terminal block for printed circuit board, nominal current: 6 A, nominal voltage (III/2): 160 V, nominal section: 0.5 mm<sup>2</sup>, number of potentials: 6, number of rows: 1, number of poles per row: 6, family of articles: 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 mm<sup>2</sup>, number of potentials: 6, number of rows: 1, number of positions per row: 6, 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) |
|--------------|----------------------------------------|

## 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 6

Pitch 2.5 mm

Number of connections 6

Number of rows 1

Number of potentials 6

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 mm<sup>2</sup>

Conductor connection

Connection method Push-in spring connection

Conductor cross section rigid 0.14 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>

Conductor cross section flexible 0.2 mm<sup>2</sup> ... 0.5 mm<sup>2</sup> (up to 0.75 mm<sup>2</sup> 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 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm<sup>2</sup> ... 0.34 mm<sup>2</sup> (possible from 0.14 mm<sup>2</sup>, 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/ 6-2,5-H-THR with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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