

**INDUSTRIAL COMPONENT DATA**

# PTSM 0,5/ 2-HV-2,5-SMD WH R24 1778696 PHOENIX CONTACT Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSM 0,5/ 2-HV-2,5-SMD WH R24



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | PTSM 0,5/ 2-HV-2,5-SMD WH R24   |
| Catalog number  | 1778696                         |
| Category        | Printed circuit board connector |
| Minimum order   | 400 Pcs                         |
| Document ID     | EO-B25277203D                   |
| Generated       | 2026-08-03                      |

## Product Overview

Feed-through header

Printed circuit board base housing, nominal section: 0.5 mm<sup>2</sup>, color: white signals, nominal current: 6 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, family of articles: PTSM 0.5/.. -HV-SMD WH, pitch: 2.5 mm, mounting: SMD soldering, pin arrangement: Linear pin arrangement, pin length [P]: 2 mm, number of solder pins per potential: 1, plug-in system: COMBICON PTSM, Plug-in face orientation: Standard, locking: without, fixing type: without, packaging type: 24 mm wide strap, Item with twist protection pins

**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 1778696

Packing unit 400 pc

Minimum order quantity 400 pc

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GTIN 4046356529877

Weight per Piece (excluding packing) 1.480 g

Custom tariff number 85366930

Country of origin DE (Germany)

**Dimensions**

Length [ l ] 5 mm

Width 10.6 mm

Pitch 2.5 mm

Dimension a 2.5 mm

Width [ w ] 10.6 mm

Height [ h ] 9.5 mm

Height 7.5 mm

Length of the solder pin 2 mm

Length 5 mm

**General**

Range of articles PTSM 0,5/...-HV-SMD WH

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) 125 V

Rated voltage (III/2) 160 V

Rated voltage (II/2) 320 V

Nominal current IN 6 A

Maximum load current 6 A

Insulating material HT PA

Flammability rating according to UL 94 V0

Color white

Number of positions 2

**Standards and Regulations**

Connection in acc. with standard UL

Flammability rating according to UL 94 V0

**Environmental Product Compliance**

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

No hazardous substances above threshold values

**Classifications**

eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss

7.027440402eCl@ss 8.027440402eCl@ss 9.027440402

ETIM 4.0EC002637ETIM 5.0EC002637ETIM 6.0EC002637

UNSPSC 6.0130211810UNSPSC 7.090139121409UNSPSC 1139121409UNSPSC 12.0139121409UNSPSC

13.239121409

ETIM for 1778696 Connectors (EC002637)

**Feature Name****Feature Value**

Connector model (EF007495)

Fixed connector

Cont...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSM 0,5/ 2-HV-2,5-SMD WH R24 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

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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