

**INDUSTRIAL COMPONENT DATA**

# PTSM 0,5/ 6-HH-2,5-SMD WH R44 1708015 PHOENIX CONTACT Header

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSM 0,5/ 6-HH-2,5-SMD WH R44



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | PTSM 0,5/ 6-HH-2,5-SMD WH R44   |
| Catalog number  | 1708015                         |
| Category        | Printed circuit board connector |
| Minimum order   | 600 Pcs                         |
| Document ID     | EO-8AB0E75D0E                   |
| Generated       | 2026-08-04                      |

## Product Overview

### Header

Printed circuit board base housing, nominal section: 0.5 mm<sup>2</sup>, color: white, nominal current: 6 A, dimensioning voltage (III/2): 160 V, contact surface: Tin, contact type: Male, Number of potentials: 6, Number of rows: 1, Number of poles per row: 6, number of connections: 6, family of articles: PTSM 0.5/.. -HH-SMD WH, pitch: 2.5 mm, mounting: SMD welding, pin arrangement: Linear pad geometry, pin length [P]: 2 mm, Stecksystem: COMBICON COMPACT PTSM, Lock: without, packaging type: boxed packed, Item with twist protection spikes

**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

Header, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 6, pitch: 2.5 mm, color: white, contact surface: Tin, mounting: SMD soldering, Article with anti-rotation pin

### Your advantages

White design: Stable color when welding and during use  
Designed for integration into the SMT soldering process  
Supplied in tape-on-reel packing according to IEC 60286-3 for automated mounting  
Additional solder anchors reduce the mechanical strain on the soldering spots

### Key Commercial Data

Orderkey 1708015

Packing unit 1

GTIN 4046356960618

Custom tariff number 85366930

**General**

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

Connection in acc. with standard EN-VDE

Nominal current IN 6 A

Insulating material PA

Flammability rating according to UL 94 V0

Color white

Number of positions 6

Standards and Regulations

Connection in acc. with standard EN-VDE

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

eCl@ss

eCl@ss 5.1 27260701

eCl@ss 6.0 27260704

eCl@ss 8.0 27440402

eCl@ss 9.0 27440402

ETIM

ETIM 4.0 EC002637

ETIM 5.0 EC002637

ETIM 6.0 EC002637

UNSPSC

UNSPSC 13.2 39121409

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / PTSM 0,5/ 6-HH-2,5-SMD WH R44 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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