

INDUSTRIAL COMPONENT DATA

PTSM 0,5/ 7-HTB-2,5-SMD WH R44 1830171 PHOENIX CONTACT Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSM 0,5/ 7-HTB-2,5-SMD WH R44



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTSM 0,5/ 7-HTB-2,5-SMD WH R44
Catalog number	1830171
Category	Printed circuit board connector
Minimum order	330 Pcs
Document ID	EO-E0748EB0AA
Generated	2026-08-03

Product Overview

Feed-through header

Printed circuit board base housing, nominal section: 0.5 mm², color: white signals, nominal current: 6 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of potentials: 7, number of rows: 1, number of poles: 7, number of connections: 7, family of articles: PTSM 0.5/.. -HTB-SMD WH, pitch: 2.5 mm, mounting: SMD soldering, pin arrangement: Linear pin arrangement, number of solder pins per potential: 1, plug-in system: COMBICON PTSM, Plug-in face orientation: Standard, locking: without, fixing type: without, packaging type: 44 mm wide strap

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 1830171

Packing unit 330 pc

Minimum order quantity 330 pc

Note Made to Order (non-returnable)

Catalog page Page 23 (NTK-2014)

GTIN 4046356884778

Weight per Piece (excluding packing) 2.250 g

Custom tariff number 85366930

Country of origin DE (Germany)

Dimensions

Length [l] 9.5 mm

Width 22.2 mm

Pitch 2.5 mm

Dimension a 15 mm

Width [w] 22.2 mm

Height [h] 8.2 mm

Height 8.2 mm

Length 9.5 mm

General

Range of articles PTSM 0,5/..-HTB-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) 250 V

Nominal current I_N 6 A

Maximum load current 6 A

Insulating material HT PA

Flammability rating according to UL 94 V0

Color white

Number of positions 7

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 1830171 Connectors (EC002637)

Feature Name**Feature Value**

Connector model (EF007495)

Fixed conn...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSM 0,5/ 7-HTB-2,5-SMD WH R44 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.