

INDUSTRIAL COMPONENT DATA

PTSM 0,5/ 5-HH1-2,5-THR R32 1814809 PHOENIX CONTACT

Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSM 0,5/ 5-HH1-2,5-THR R32



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTSM 0,5/ 5-HH1-2,5-THR R32
Catalog number	1814809
Category	Printed circuit board connector
Minimum order	500 Pcs
Document ID	EO-9826CA8DAE
Generated	2026-08-05

Product Overview

Feed-through header

Printed circuit board base housing, nominal section: 0.5 mm², color: black, nominal current: 6 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of potentials: 5, number of rows: 1, number of poles: 5, number of connections: 5, family of articles: PTSM 0.5/.. -HH-THR, pitch: 2.5 mm, mounting: Weld THR, 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, lock: without, fixing type: without, packing type: 32 mm wide strap, Item with twist protection pins PCB base socket, nominal cross-section: 0.5 mm², colour: black, rated current: 6 A, dimensioning voltage (III/2): 160 V, contact surface: Sn, contact connection type: plug, number of potentials: 5, number of rows: 1, number of poles: 5, number of connections: 5, product series: PTSM 0.5/.. -HH-THR, pitch: 2.5 mm, mounting: TTHR / wave soldering, pin layout: Linear pinning, pin length [P]: 2 mm, number of solder pins per potential: 1, plug system: COMBICON PTSM, Insertion pin orientation: Standard, locking: none, fastening type: none, packaging type: 32 mm width tape, item with anti-twist pin

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 1814809

Packing unit 500 pc

Minimum order quantity 500 pc

Note Made to Order (non-returnable)

GTIN 4046356760553

Weight per Piece (excluding packing) 1.560 g

Custom tariff number 85366930

Country of origin IN (India)

Dimensions

Length [l] 7.5 mm

Width 14.2 mm

Pitch 2.5 mm

Dimension a 10 mm

Width [w] 14.2 mm

Height [h] 7 mm

Height 5 mm

Length of the solder pin 2 mm

Pin dimensions 0.6 x 0.6 mm

Length 7.5 mm

General

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

Rated voltage (III/3) 50 V

Rated voltage (III/2) 160 V

Connection in acc. with standard EN-VDE

Nominal current IN 6 A

Color black

Number of positions 5

Standards and Regulations

Connection in acc. with standard EN-VDE

UL

Environmental Product Compliance

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

No hazardous substances above threshold values

Classifications

eCl@ss 4.027141109eCl@ss 4.127141109eCl@ss 5.027141190eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss

7.027440402eCl@ss 8.027440402eCl@ss 9.027440402

ETIM 3.0EC001121ETIM 4.0EC002643ETIM 5.0EC002637ETIM 6.0EC002637

UNSPSC 6.0130211801UNSPSC 7.090139121432UNSPSC 1139121432UNSPSC 12.0139121432UNSPSC

13.239121409

ETIM for 1814809 Connectors (EC002637)

Feature Name

Feature Value

Connector model (EF007495)

Fixed connector

Contact type (EF001587)

Pin

Number of poles (EF001391)

5

Number of plug-in contact rows (EF006935)

1

Modular spacing contacts (EF007326)

2.5 mm

Modular spacing connections (EF006827)

2.5 mm

Rated current In (EF...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSM 0,5/ 5-HH1-2,5-THR R32 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.