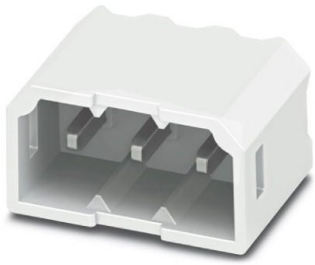
INDUSTRIAL COMPONENT DATA

PTSM 0,5/ 2-HH-2,5-THR WH R16 1814841 PHOENIX CONTACT Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSM 0,5/ 2-HH-2,5-THR WH R16



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTSM 0,5/ 2-HH-2,5-THR WH R16
Catalog number	1814841
Category	Printed circuit board connector
Minimum order	500 Pcs
Document ID	EO-58731E020A
Generated	2026-11-18

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: 2, number of rows: 1, number of poles: 2, number of connections: 2, family of articles: PTSM 0.5/.. -HH-THR WH, pitch: 2.5 mm, mounting: Solder THR, pin arrangement: Linear pin arrangement, pin length [P]: 2.1 mm, number of solder pins per potential: 1, plug-in system: COMBICON PTSM, Plug-in face orientation: Standard, lock: without, fixing type: without, packaging type: 16 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 1814841
Packing unit 500 pc
Minimum order quantity 500 pc
Note Made to Order (non-returnable)
Catalog page Page 397 (C-1-2013)
GTIN 4046356760591
Weight per Piece (excluding packing) 1.010 g
Custom tariff number 85366930
Country of origin IN (India)

Dimensions
Length [l] 7.5 mm
Width 6.7 mm
Pitch 2.5 mm
Dimension a 2.5 mm
Width [w] 6.7 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 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
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 EN-VDE
CUL
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 4.027141109eCl@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 1...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSM 0,5/ 2-HH-2,5-THR WH R16 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.