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-495FAC0589
Generated	2026-11-19

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/.. -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
Catalog page Page 23 (NTK-2014)
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

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 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

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