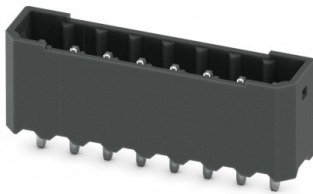


INDUSTRIAL COMPONENT DATA

PTSM 0,5/ 8-HV-2,5-THR R44 1778612 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSM 0,5/ 8-HV-2,5-THR R44



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTSM 0,5/ 8-HV-2,5-THR R44
Catalog number	1778612
Category	Printed circuit board connector
Minimum order	330 Pcs
Document ID	EO-E542CF45FC
Generated	2026-08-01

Product Overview

Printed-circuit board connector

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: 8, number of rows: 1, number of poles: 8, number of connections: 8, family of articles: PTSM 0.5/.. -HV-THR, pitch: 2.5 mm, mounting: Solder 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, packaging type: 44 mm wide strap

PCB header, nominal cross-section: 0.5 mm², colour: black, nominal current: 6 A, reference voltage (III/2): 160 V, contact area: Sn, contact type: Male, number of potentials: 8, number of rows: 1, number of poles: 8, number of connections: 8, range of articles: PTSM 0.5/.. -HV-THR, pitch: 2.5 mm, mounting: THR welding / Wave welding, spindle plane: Linear broaching, spindle length [P]: 2 mm, number of pins per potential: 1, Plug-in system: COMBICON PTSM, Orientation of the plug-in pattern: Standard, Locking: without, Fastening type: without, Packaging type: Webbing in width of 44 mm

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 1778612

Packing unit 330 pc

Minimum order quantity 330 pc

Catalog page Page 59 (C-1-2013)

GTIN 4046356529785

Weight per Piece (excluding packing) 2.480 g

Custom tariff number 85366930

Country of origin IN (India)

Dimensions

Length [l] 5 mm

Width 21.7 mm

Pitch 2.5 mm

Dimension a 17.5 mm

Width [w] 21.7 mm

Height [h] 9.5 mm

Height 7.5 mm

Length of the solder pin 2 mm

Pin dimensions 0.6 x 0.6 mm

Pin spacing 2.50 mm

Length 5 mm

General

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

Insulating material group IIIa

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) 50 V

Rated voltage (III/2) 160 V

Rated voltage (II/2) 160 V

Connection in acc. with standard EN-VDE

Nominal current IN 6 A

Maximum load current 6 A

Insulating material LCP

Flammability rating according to UL 94 V0

Color black

Number of positions 8

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

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 3.0EC001121ETIM 4.0EC002637ETIM 5.0EC002637ETIM 6.0EC002637

UNSPSC 6.0130211810UNSPSC 7.090139121409UNSPSC 1139121409UNSPSC 12.0139121409UNSPSC
13.239121409

ETIM f...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSM 0,5/ 8-HV-2,5-THR 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.