

INDUSTRIAL COMPONENT DATA

PTSM 0,5/ 8-2,5-V SMD R44 WP 1009785 PHOENIX CONTACT

Terminal for printed circuit board

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSM 0,5/ 8-2,5-V SMD R44 WP



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTSM 0,5/ 8-2,5-V SMD R44 WP
Catalog number	1009785
Category	Printed circuit board terminal
Minimum order	400 Pcs
Document ID	EO-1042F48A5E
Generated	2026-08-03

Product Overview

Terminal for printed circuit board

Terminal block for printed circuit board, nominal current: 6 A, nominal voltage (III/2): 160 V, nominal section: 0.5 mm², number of rows: 1, number of poles per row: 8, article family: PTSM 0.5/.. -V-SMD, pitch: 2.5 mm, connection type: Push-in spring connection, mounting: SMD soldering, driver/printed circuit board connection direction: 90 °, color: black, Pin arrangement: Linear pad geometry, number of solder pins per potential: 1, 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

ETIM for 1009785 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

9 mm

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

2.5 mm

Rated current In (EF008250)

6 A

Rated voltage (EF000228)

160 V

Rated surge voltage (EF002993)

2.5 kV

Over voltage category (EF006785)

III

Pollution degree (EF006786)

2

Connection type conductor (EF006821)

Spring clamp connection

Connectable conductor cross section solid-core (EF007337)

0.14 mm²

Connectable conductor cross section fine-strand with cable end sleeve (EF007339)

0.25 mm²

Connectable conductor cross section fine-strand without cable end sleeve (EF007341)

0.2 mm²

Connectable conductor cross section multi-wired (EF007343)

0.5 mm²

Connection type PCB (EF006822)

Soldering connection

Material connection surface (EF006826)

Tin

Material insulation body (EF007543)

Other

Housing colour (EF000136)

Black

Inflammability class of insulation material according to UL94 (EF002521)

V0

Operating temperature (EF002393)

-40 °C

Type of PCB fastening (EF008226)

Flange

Type of fastening (EF002442)

Solder

Type of banding (EF007011)

Blister girdle (for SMD)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSM 0,5/ 8-2,5-V SMD R44 WP 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.