

INDUSTRIAL COMPONENT DATA

PTSA 0,5/ 3-2,5-Z MIX RD/YE/BK 1704191 PHOENIX CONTACT Terminal for printed circuit board, rated voltage: 25..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSA 0,5/ 3-2,5-Z MIX RD/YE/BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTSA 0,5/ 3-2,5-Z MIX RD/YE/BK
Catalog number	1704191
Category	Printed circuit board terminal
Minimum order	250 Pcs
Document ID	EO-BB4F943659
Generated	2026-08-04

Product Overview

Terminal for printed circuit board, rated voltage: 250 V, pitch: 2.5 mm, number of poles: 3, color: multicolor
Terminal block for printed circuit board, nominal current: 2 A, nominal voltage (III/2): 250 V, nominal cross-section: 0.5 mm², number of potentials: 3, number of rows: 1, number of poles per row: 3, article family: PTSA 0.5, pitch: 2.5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 45 °, color: multicolor, Pin arrangement: Zigzag pins M, Pin length [P]: 3.5 mm, number of welding pins per potential: 1, packaging type: boxed

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 1704191 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

16.6 mm

Number of electrical connections (EF008252)

3

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

2.5 mm
Rated current I_n (EF008250)
2 A
Rated voltage (EF000228)
250 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 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
Diameter connection pin (EF006823)
1 mm
Length pin (EF006825)
3.5 mm
Material insulation body (EF007543)
Other
Housing colour (EF000136)
Other
Inflammability class of insulation material according to UL94 (EF002521)
V0
Operating temperature (EF002393)
-40 °C
Type of PCB fastening (EF008226)
Connecting contact
Type of fastening (EF002442)
Solder
Type of banding (EF007011)
Carton (for SMD)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSA 0,5/ 3-2,5-Z MIX RD/YE/BK 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.