

INDUSTRIAL COMPONENT DATA

PTS-5,08 BK 1931819 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTS-5,08 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTS-5,08 BK
Catalog number	1931819
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-AC50A39FF0
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Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 12 A, nominal voltage (III/2): 320 V, nominal cross-section: 0 mm², number of potentials: 1, number of rows: 1, number of poles per row: 1, article family: PTS, pitch: 5.08 mm, mounting: Solder, color: black, number of soldering pins per potential: 2, type of packaging: Boxed Packaging

Printed circuit board terminal, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 0 mm², number of potentials: 1, number of rows: 1, number of positions per row: 1, product range: PTS, pitch: 5.08 mm, mounting: Wave soldering, color: black, number of solder pins per potential: 2, type of packaging: packed in cardboard

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

Technical dataProduct propertiesProduct type Printed circuit board terminal

Product family PTS

Product line COMBICON Terminals M

Number of positions 1

Pitch 5.08 mm

Number of connections 1

Number of rows 1

Number of potentials 1

Solder pins per potential 2

Data management status

Article revision 00

Electrical propertiesNominal current IN 12 A

Nominal voltage UN 320 V

Rated voltage (III/3) 250 V

Rated surge voltage (III/3) 4 kV

Rated voltage (III/2) 320 V

Rated surge voltage (III/2) 4 kV

Rated voltage (II/2) 400 V

Rated surge voltage (II/2) 4 kV

MountingMounting type Wave soldering

Material specificationsMaterial data - contact

Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu alloy

Metal surface terminal point (top layer) Tin (5 - 7 µm Sn)

Metal surface soldering area (top layer) Tin (5 - 7 µm Sn)

Material data - housing

Color (Housing) black (9005)

Insulating material PA

Insulating material group I

CTI according to IEC 60112 600

Flammability rating according to UL 94 V0

Glow wire flammability index GWFI according to EN 60695-2-12 850

Glow wire ignition temperature GWIT according to EN 60695-2-13 775

Temperature for the ball pressure test according to EN 60695-10-2 125 °C

DimensionsDimensional drawing

Pitch 5.08 mm

Pin dimensions 0.8 x 0.9 mm

Electrical testsAir clearances and creepage distances

Insulating material group I

Rated insulation voltage (III/3) 250 V

Rated surge voltage (III/3) 4 kV

Rated insulation voltage (...)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTS-5,08 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

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