

INDUSTRIAL COMPONENT DATA

MPT 0,5/ 2-2,54 BK 1800001 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MPT 0,5/ 2-2,54 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	MPT 0,5/ 2-2,54 BK
Catalog number	1800001
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-C8B1F8B490
Generated	2026-08-04

Product Overview

PCB terminal block

Terminal block for printed circuit board, rated current: 6 A, rated voltage (III/2): 160 V, nominal cross-section: 0.5 mm², number of rows: 1, number of poles per row: 2, article family: MPT 0.5, pitch: 2.54 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, Mounting: Wave soldering, conductor/printed circuit board connection direction: 0 °, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder 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

Key Commercial Data

Orderkey 1800001

Packing unit 50 pc

Minimum order quantity 50 pc

GTIN 4046356034760

Weight per Piece (excluding packing) 0.340 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [L] 6.2 mm

Pitch 2.54 mm

Dimension a 2.54 mm

Width [w] 5.54 mm

Height 8.5 mm

Height [h] 12 mm

Solder pin [P] 3.5 mm

Hole diameter 1.1 mm

General

Range of articles MPT 0,5

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) 63 V

Rated voltage (III/2) 160 V

Rated voltage (II/2) 320 V

Connection in acc. with standard EN-VDE

Nominal current IN 6 A

Nominal cross section 0.5 mm²

Solder pin surface

Stripping length 4.5 mm

Number of positions 2

Screw thread M1,6

Tightening torque, min 0.12 Nm

Tightening torque max 0.15 Nm

Connection data

Conductor cross section solid min. 0.14 mm²

Conductor cross section solid max. 0.5 mm²

Conductor cross section flexible min. 0.14 mm²

Conductor cross section flexible max. 0.5 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 0.34 mm²

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule with plastic sleeve max. 0.34 mm²

Conductor cross section AWG min. 26

Conductor cross section AWG max. 20

2 conductors with same cross section, solid min. 0.14 mm²

2 conductors wi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MPT 0,5/ 2-2,54 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.