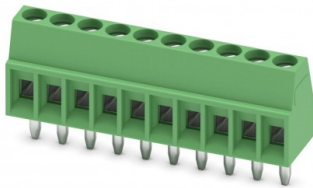


INDUSTRIAL COMPONENT DATA

MPT 0,5/12-2,54 BD:1-12 1700900 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MPT 0,5/12-2,54 BD:1-12



Manufacturer	PHOENIX CONTACT
MPN / Reference	MPT 0,5/12-2,54 BD:1-12
Catalog number	1700900
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-F3FD411A0A
Generated	2026-08-06

Product Overview

PCB terminal block

Terminal block for printed circuit board, rated current: 6 A, rated voltage (III/2): 160 V, nominal section: 0.5 mm², number of rows: 1, number of poles per row: 12, article family: MPT 0.5, pitch: 2.54 mm, connection type: Screw connection with traction capsule, screw clamping shape: L Longitudinal slot, Mounting: Wave soldering, conductor/PCB connection direction: 0°, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5mm, number of soldering pins per potential: 1, packaging type: boxed

PCB terminal block, rated current: 6 A, dimensioning voltage (III/2): 160 V, nominal cross-section: 0.5 mm², number of rows: 1, number of poles per row: 12, product series: MPT 0.5, pitch: 2.54 mm, connection type: Screw connection with cage, screw connection form: L Longitudinal slot, mounting: Wave soldering, Conductor/board connection direction: 0°, Color: Green, Pin Layout: Linear Pinning, Pin Length [P]: 3.5mm, Number of Solder Pins per Potential: 1, Package Type: Packed in Carton

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)
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Additional Product Information

Key Commercial Data

Orderkey 1700900

Packing unit 1

GTIN 4046356503778

Custom tariff number 85369010

Dimensions

Length [l] 6.2 mm

Pitch 2.54 mm

Dimension a 27.94 mm

Width [w] 30.94 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 12

Screw thread M1,6

Tightening torque, min 0.12 Nm

Tightening torque max 0.15 Nm

Connection dataConductor cross section solid min. 0.14 mm²Conductor cross section solid max. 0.5 mm²Conductor cross section flexible min. 0.14 mm²Conductor cross section flexible max. 0.5 mm²Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²Conductor cross section flexible, with ferrule without plastic sleeve max. 0.34 mm²Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²Conductor 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 mm²2 conductors with same cross section, solid max. 0.34 mm²2 conductors with same cross section, stranded min. 0.14 mm²

2....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MPT 0,5/12-2,54 BD:1-12 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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