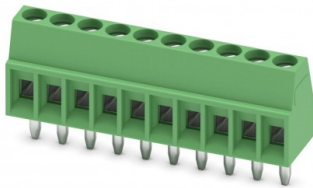


INDUSTRIAL COMPONENT DATA

MPT 0,5/ 2-2,54 BD:1,2 1703144 PHOENIX CONTACT PCB terminal block

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MPT 0,5/ 2-2,54 BD:1,2
Catalog number	1703144
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-05816E1673
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/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

Printed circuit board terminal, nominal current: 6 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm², number of rows: 1, number of positions per row: 2, product range: MPT 0,5, pitch: 2.54 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm, number of solder pins per potential: 1, 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 MPT 0,5

Product line COMBICON Terminals XS

Type PC termination block

Number of positions 2

Pitch 2.54 mm
Number of rows 1
Pin layout Linear pinning
Solder pins per potential 1
Data management status
Article revision 00
Electrical propertiesNominal current IN 6 A
Nominal voltage UN 160 V
Rated voltage (III/3) 63 V
Rated surge voltage (III/3) 2.5 kV
Rated voltage (III/2) 160 V
Rated surge voltage (III/2) 2.5 kV
Rated voltage (II/2) 320 V
Rated surge voltage (II/2) 2.5 kV
Connection dataConnection technology
Type PC termination block
Nominal cross section 0.5 mm²
Conductor connection
Connection method Screw connection with tension sleeve
Conductor cross section rigid 0.14 mm² ... 0.5 mm²
Conductor cross section flexible 0.14 mm² ... 0.5 mm²
Conductor cross section AWG 26 ... 20
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 0.34 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 0.34 mm²
2 conductors with same cross section, solid 0.14 mm² ... 0.34 mm²
2 conductors with same cross section, flexible 0.14 mm² ... 0.34 mm²
Stripping length 4.5 mm
Drive form screw head Slotted (L)
Tightening torque 0.12 Nm ... 0.15 Nm
MountingMounting type Wave soldering
Pin layout Linear pinning
Material specificationsMaterial data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact mate...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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