

INDUSTRIAL COMPONENT DATA

MSTB 2,5/10-G-5,08 OG 1758542 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MSTB 2,5/10-G-5,08 OG



Manufacturer	PHOENIX CONTACT
MPN / Reference	MSTB 2,5/10-G-5,08 OG
Catalog number	1758542
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-736EB165DB
Generated	2026-08-03

Product Overview

Printed-circuit board connector

Printed circuit board base housing, nominal section: 2.5 mm², color: orange, nominal current: 12 A, dimensioning voltage (III/2): 320 V, contact surface: Tin, contact type: Male, Number of potentials: 10, Number of rows:1, Number of poles per row: 10, number of connections: 10, family of articles: MSTB 2.5/.. -G, pitch: 5.08 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.5 mm, Stecksystem: CLASSIC COMBICON, Locking: without, 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 1758542

Packing unit 50 pc

Note Made to Order (non-returnable)

GTIN 4017918215187

Weight per Piece (excluding packing) 3.800 g

Custom tariff number 85366930

Country of origin DE (Germany)

Dimensions

Length [L] 12 mm

Width 50.8 mm

Pitch 5.08 mm

Dimension a 45.72 mm

Width [w] 50.8 mm

Height [h] 12.1 mm

Height 8.6 mm

Length of the solder pin 3.5 mm

Pin dimensions 1 x 1 mm

Length 12 mm

General

Range of articles MSTB 2,5/..-G

Insulating material group IIIa

Rated surge voltage (III/3) 4 kV

Rated surge voltage (III/2) 4 kV

Rated surge voltage (II/2) 4 kV

Rated voltage (III/3) 250 V

Rated voltage (III/2) 320 V

Rated voltage (II/2) 400 V

Connection in acc. with standard EN-VDE

Nominal current I_N 12 A

Maximum load current 12 A

Flammability rating according to UL 94 V0

Color orange

Number of positions 10

Standards and Regulations

Connection in acc. with standard EN-VDE

CSA

Flammability rating according to UL 94 V0

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss
7.027440402eCl@ss 8.027440402eCl@ss 9.027440402

ETIM 3.0EC001121ETIM 4.0EC002637ETIM 5.0EC002637ETIM 6.0EC002637

UNSPSC 6.0130211810UNSPSC 7.090139121409UNSPSC 1139121409UNSPSC 12.0139121409UNSPSC
13.239121409

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSTB 2,5/10-G-5,08 OG 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.