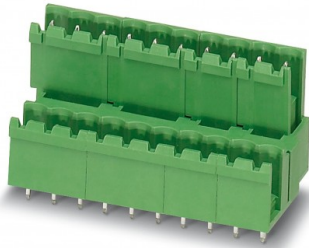


INDUSTRIAL COMPONENT DATA

MDSTBV 2,5/ 9-G-5,08 1845552 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MDSTBV 2,5/ 9-G-5,08



Manufacturer	PHOENIX CONTACT
MPN / Reference	MDSTBV 2,5/ 9-G-5,08
Catalog number	1845552
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-39BA33404E
Generated	2026-08-01

Product Overview

Printed-circuit board connector

Printed circuit board base housing, nominal section: 2.5 mm², color: green, nominal current: 10 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Male, number of potentials: 18, number of rows: 2, number of poles: 9, number of connections: 18, article family: MDSTBV 2.5/.. -G, pitch: 5.08 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.5 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2.5, Plug-in face orientation: Standard, locking: without, fixing type: without, packaging type: box-packed, Alignable! Clamping flange: Code 1836477, 1836480. In the case of a combination with MVSTB or FKCV plug-in parts, an MVSTBW (or FKCVW) connector and an MVSTBR (or FKCVR) connector must be used, respectively. A combination with TMSTBP plug-in parts is not possible!

PCB socket, nominal cross-section: 2.5 mm², colour: green, rated current: 10 A, dimensioning voltage (III/2): 320 V, contact surface: Sn, contact connection type: plug, number of potentials: 18, number of rows: 2, number of poles: 9, number of connections: 18, product series: MDSTBV 2.5/.. -G, pitch: 5.08 mm, mounting: Wave soldering, pin layout: Linear pinning, pin length [P]: 3.9 mm, number of solder pins per potential: 1, plug system: COMBICON MSTB 2.5, Insertion pin orientation: Standard, locking: none, fixi...

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 1845552

Packing unit 50 pc

Catalog page Page 330 (C-1-2013)

GTIN 4017918184278

Weight per Piece (excluding packing) 12.770 g

Custom tariff number 85366930

Country of origin DE (Germany)

Dimensions

Length [l] 28.5 mm

Width 48.26 mm

Pitch 5.08 mm

Dimension a 40.64 mm

Width [w] 48.26 mm

Height [h] 25.6 mm

Height 22.1 mm

Length of the solder pin 3.5 mm

Pin dimensions 1 x 1 mm

Pin spacing 15.24 mm

Length 28.5 mm

General

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

Insulating material group III

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 IN 10 A

Maximum load current 10 A

Insulating material PBT

Color green

Number of positions 9

Standards and Regulations

Connection in acc. with standard EN-VDE

CSA

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

ETIM for 1845552 Connectors (EC002637)

Feature Name

Feature Value

Connector model (EF007495)

Fixed connector

Con...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MDSTBV 2,5/ 9-G-5,08 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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