

INDUSTRIAL COMPONENT DATA

MDSTBV 2,5/ 9-GF-5,08 1845701 PHOENIX CONTACT

Feed-through header

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MDSTBV 2,5/ 9-GF-5,08
Catalog number	1845701
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-2812F6AD17
Generated	2026-07-29

Product Overview

Feed-through header

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/.. -GF, pitch: 5.08 mm, mounting: Wave welding, pin arrangement: Linear pin arrangement, pin length [P]: 3.9 mm, number of welding pins per potential: 1, plug-in system: COMBICON MSTB 2.5, Plug-in face orientation: Standard, locking: Screw lock, fixing type: Air clamping (thread), packaging type: boxed packaging, The item can be aligned with different numbers of poles! 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!

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 1845701

Packing unit 50 pc

Note Made to Order (non-returnable)

Catalog page Page 331 (C-1-2013)

GTIN 4017918184360

Weight per Piece (excluding packing) 17.370 g

Custom tariff number 85366930

Country of origin DE (Germany)

Dimensions

Length [l] 23.7 mm

Width 58.42 mm

Pitch 5.08 mm

Dimension a 40.64 mm

Width [w] 58.42 mm

Height [h] 26 mm

Height 22.1 mm

Length of the solder pin 3.9 mm

Pin dimensions 1 x 1 mm

Pin spacing 15.24 mm

Length 23.7 mm

General

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

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

Flammability rating according to UL 94 V0

Color green

Number of positions 9

Standards and Regulations

Connection in acc. with standard EN-VDE

CUL

Flammability rating according to UL 94 V0

Environmental Product Compliance

China RoHS Environmentally Friendly Use Period = 50

For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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 11391...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MDSTBV 2,5/ 9-GF-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

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.