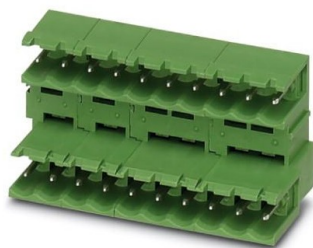


INDUSTRIAL COMPONENT DATA

MDSTB 2,5/10-G-5,08 1842597 PHOENIX CONTACT

Feed-through header

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MDSTB 2,5/10-G-5,08
Catalog number	1842597
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-39FAC0B222
Generated	2026-08-02

Product Overview

Feed-through header

Printed circuit board base case, 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: 20, number of rows: 2, number of poles: 10, number of connections: 20, article family: MDSTB 2.5/.. -G, pitch: 5.08 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.2 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 1736771, 1736768. 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 1842597

Packing unit 50 pc

Catalog page Page 326 (C-1-2013)

GTIN 4017918184445

Weight per Piece (excluding packing) 15.280 g

Custom tariff number 85366930

Country of origin DE (Germany)

Dimensions

Length [l] 22.1 mm

Width 53.34 mm

Pitch 5.08 mm

Dimension a 45.72 mm

Width [w] 53.34 mm

Height [h] 26.9 mm

Height 23.7 mm

Length of the solder pin 3.2 mm

Pin dimensions 1 x 1 mm

Length 22.1 mm

General

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

Insulating material group I

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 10 A

Maximum load current 10 A

Insulating material PBT

Color green

Number of positions 10

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 1842597 Connectors (EC002637)

Feature Name

Feature Value

Connector model (EF007495)

Fixed connector

Contact type (EF001587)

Pi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MDSTB 2,5/10-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

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.