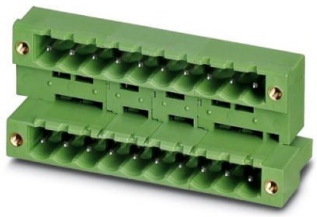
INDUSTRIAL COMPONENT DATA

MDSTB 2,5/10-GF-5,08 1842445 PHOENIX CONTACT Feed-through header

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MDSTB 2,5/10-GF-5,08
Catalog number	1842445
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-CD35BD95B2
Generated	2026-11-18

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/.. -GF, pitch: 5.08 mm, mounting: Wave welding, pin arrangement: Linear pin arrangement, pin length [P]: 3.2 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 1842445
Packing unit 50 pc
Note Made to Order (non-returnable)
Catalog page Page 327 (C-1-2013)
GTIN 4017918184032
Weight per Piece (excluding packing) 18.800 g

Custom tariff number 85366930
Country of origin DE (Germany)
Dimensions
Length [l] 22.1 mm
Width 63.5 mm
Pitch 5.08 mm
Dimension a 45.72 mm
Width [w] 63.5 mm
Height [h] 26.9 mm
Height 23.7 mm
Length of the solder pin 3.2 mm
Pin dimensions 1 x 1 mm
Pin spacing 10.16 mm
Length 22.1 mm
General
Range of articles MDSTB 2,5/..-GF
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
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 10
Standards and Regulations
Connection in acc. with standard 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 1139121409UNSPSC 12.0139121409UNSPSC 13.239121409

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MDSTB 2,5/10-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

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