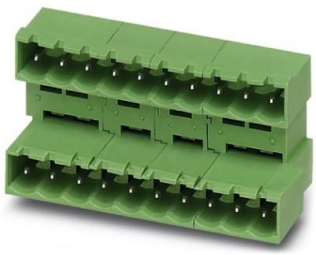
INDUSTRIAL COMPONENT DATA

MDSTBA 2,5/10-G-5,08 1842144 PHOENIX CONTACT Feed-through header

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MDSTBA 2,5/10-G-5,08
Catalog number	1842144
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-E6B4F20093
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, family of articles: MDSTBA 2.5/.. -G, pitch: 5.08 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.2 mm, number of potential soldering pins: 1, plug-in system: COMBICON MSTB 2.5, Plug-in face orientation: Standard, locking: without, fixing type: without, packaging type: boxed, 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 1842144
Packing unit 50 pc
Catalog page Page 327 (C-1-2013)
GTIN 4017918184056
Weight per Piece (excluding packing) 15.400 g
Custom tariff number 85366930

Country of origin DE (Germany)
Dimensions
Length [l] 22.1 mm
Width 55.34 mm
Pitch 5.08 mm
Dimension a 45.72 mm
Width [w] 55.34 mm
Height [h] 26.9 mm
Height 23.7 mm
Length of the solder pin 3.2 mm
Pin dimensions 1 x 1 mm
Pin spacing 10.00 mm
Length 22.1 mm
General
Range of articles MDSTBA 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 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 EN-VDE
CUL
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 / MDSTBA 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

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