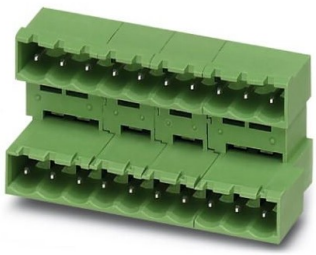
INDUSTRIAL COMPONENT DATA

MDSTBA 2,5/ 9-G-5,08 BD:1B-9A 1005359 PHOENIX CONTACT Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: MDSTBA 2,5/ 9-G-5,08 BD:1B-9A



Manufacturer	PHOENIX CONTACT
MPN / Reference	MDSTBA 2,5/ 9-G-5,08 BD:1B-9A
Catalog number	1005359
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-8A28E9E21E
Generated	2026-11-19

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: Sn, contact connection type: Male, number of potentials: 18, number of rows: 2, number of poles: 9, number of connections: 18, family of articles: MDSTBA 2.5/.. -G, pitch: 5.08 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.23 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: boxed

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 1005359
Packing unit 1
GTIN 4055626475530
Custom tariff number 85366930
Dimensions
Length [l] 22.1 mm
Width 50.26 mm
Pitch 5.08 mm
Width [w] 50.26 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 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 9
Standards and Regulations
Connection in acc. with standard EN-VDE
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 5.127260700eCl@ss 6.027260700eCl@ss 7.027440402eCl@ss 8.027440402eCl@ss 9.027440402
ETIM 5.0EC002637ETIM 6.0EC002637

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MDSTBA 2,5/ 9-G-5,08 BD:1B-9A with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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.