INDUSTRIAL COMPONENT DATA

MDSTB 2,5/ 4-G-5,08 GY 1099728 PHOENIX CONTACT Housing base printed circuit board, nominal current: 10 A, nu..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MDSTB 2,5/ 4-G-5,08 GY



Manufacturer	PHOENIX CONTACT
MPN / Reference	MDSTB 2,5/ 4-G-5,08 GY
Catalog number	1099728
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-044757E273
Generated	2026-11-19

Product Overview

Housing base printed circuit board, nominal current: 10 A, number of poles: 4, pitch: 5,08 mm, color: gray, surface contacts: Tin, assembly: wave Soldering
Printed circuit board base case, nominal section: 2.5 mm², color: gray, nominal current: 10 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Male, number of rows: 2, number of poles: 4, family of articles: 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: boxed
PCB base socket, nominal cross-section: 2.5 mm2, colour: grey, rated current: 10 A, dimensioning voltage (III/2): 320 V, contact surface: Sn, contact connection type: plug, number of rows: 2, number of poles: 4, product series: MDSTB 2.5/.. -G, pitch: 5.08 mm, mounting: Wave soldering, pin layout: Linear pinning, pin length [P]: 3.23 mm, number of solder pins per potential: 1, plug system: COMBICON MSTB 2.5, Insertion pin orientation: Standard, locking: none, fastening type: none, packaging type: packed in carton

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

Technical dataArticle featuresProduct Type Basic socket for printed circuit boards
Product Family MDSTB 2.5/.. -G

Product Line COMBICON Connectors M
Number of poles 4
Step 5.08 mm
Number of rows 2
Pin Layout Linear Pinning
Number of Welding Pins per Potential 1
Data maintenance status
Article review 02
Electrical characteristicsRated Current IN 10 A
Rated voltage UN 320 V
Mass Resistivity 2.8 m?
Sizing voltage (III/3) 250 V
Sizing impulse voltage (III/3) 4 kV
Sizing voltage (III/2) 320 V
Sizing Impulse Voltage (III/2) 4 kV
Sizing voltage (II/2) 400 V
Sizing Impulse Voltage (II/2) 4 kV
MontageMounting type Wave Soldering
Pin Layout Linear Pinning
Material informationMaterial information - contacts
note Complies with WEEE/RoHS, no thread-like materials according to IEC 60068-2-82/JEDEC JESD 201
Contact Material Cu Alloy
Surface Finish Galvanic tin plating
Metal surface contact zone (surface layer) Tin (5 - 7 um Sn)
Metal surface contact area (middle layer) Nickel (2 - 3 um Ni)
Metal Surface Welding Area (Surface Layer) Tin (5 - 7 um Sn)
Metal Surface Weld Area (Middle Layer) Nickel (2 - 3 um Ni)
Material information - case
Color (Case) Grey (7042)
Insulation material PBT
Insulation Material Group IIIa
CTI according to IEC 60112 225
Combustibility class according to UL 94 V0
NotesNote for Operation According to DIN EN 61984, COMBICON connectors are connectors without switchable power (COC). For use in accordance with the intended use, they must not be switched on or disconnecte...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MDSTB 2,5/ 4-G-5,08 GY 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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