

INDUSTRIAL COMPONENT DATA

MDSTB 2,5/10-G1-5,08 BK 1800687 PHOENIX CONTACT

Printed circuit board base housing, nominal section: 2.5 mm²..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MDSTB 2,5/10-G1-5,08 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	MDSTB 2,5/10-G1-5,08 BK
Catalog number	1800687
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-58DA94EFDD
Generated	2026-08-03

Product Overview

Printed circuit board base housing, nominal section: 2.5 mm², color: black, nominal current: 10 A, nominal voltage (III/2): 320 V, contact surface: Sn, contact connection type: Male, number of rows: 2, number of poles: 10, family of articles: MDSTB 2.5/.. -G1, pitch: 5.08 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.3 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2.5, Plug-in face orientation: Standard, locking: without, clamping type: without, packaging type: boxed

Base housing printed circuit board, nominal section: 2.5 mm², color: black, rated current: 10 A, sizing voltage (III/2): 320 V, surface contacts: Tin, contact type: Male, Number of rows: 2, Number of poles per row: 10, article family: MDSTB 2.5/.. -G1, pitch: 5.08 mm, mounting: Wave welding, pin arrangement: Linear pin arrangement, pin length [P]: 3.5 mm, plug-in system: CLASSIC COMBICON, Plug-in face orientation: Standard, Locking: without, fixing type: without, packaging type: boxed packaging

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

ETIM for 1800687 Connectors (EC002637)

Feature Name

Feature Value

Connector model (EF007495)

Fixed connector
Contact type (EF001587)
Pin
Number of plug-in contact rows (EF006935)
2
Modular spacing contacts (EF007326)
5.08 mm
Modular spacing connections (EF006827)
5.08 mm
Rated current I_n (EF008250)
10 A
Rated voltage (EF000228)
320 V
Rated surge voltage (EF002993)
4 kV
Over voltage category (EF006785)
III
Pollution degree (EF006786)
2
Material of contact surface (EF004020)
Tin
Type of electric connection (EF003961)
Other
Diameter connection pin (EF006823)
1.4 mm
Length pin (EF006825)
3.3 mm
Material insulation body (EF007543)
Other
Housing colour (EF000136)
Black
Inflammability class of insulation material according to UL94 (EF002521)
V0
Operating temperature (EF002393)
-40 °C
Type of fastening (EF002442)
Other
Type of banding (EF007011)
Carton (for SMD)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MDSTB 2,5/10-G1-5,08 BK 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.