INDUSTRIAL COMPONENT DATA

SMSTBA 2,5/ 2-G-5,08 BK 1801108 PHOENIX CONTACT PCB headers, nominal current: 12 A, rated voltage (III/2): 3..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMSTBA 2,5/ 2-G-5,08 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMSTBA 2,5/ 2-G-5,08 BK
Catalog number	1801108
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-B436B5C52E
Generated	2026-11-18

Product Overview

PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 2, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: Wave soldering
Printed circuit board base housing, nominal section: 2.5 mm², color: black, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Male, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, family of articles: SMSTBA 2.5/.. -G, pitch: 5.08 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.5 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

PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 2, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: Wave soldering
Key Commercial Data
Orderkey 1801108
Packing unit 1
GTIN 4055626336282
Custom tariff number 85366930
Dimensions
Length [l] 16.5 mm

Pitch 5.08 mm
Dimension a 5.08 mm
Height 15 mm
Length of the solder pin 3.5 mm
Pin dimensions 1 x 1 mm
Length 16.5 mm
General
Range of articles SMSTBA 2,5/..-G
Insulating material group I
Rated voltage (III/2) 320 V
Nominal current IN 12 A
Flammability rating according to UL 94 V0
Color black
Number of positions 2
Standards and Regulations
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
eCl@ss 5.1 27260700
eCl@ss 6.0 27260700
eCl@ss 7.0 27440402
eCl@ss 8.0 27440402
eCl@ss 9.0 27440402
ETIM
ETIM 5.0 EC002637
ETIM 6.0 EC002637
ETIM 7.0 EC002637

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMSTBA 2,5/ 2-G-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

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