INDUSTRIAL COMPONENT DATA

SMSTBA 2,5/20-G 1769984 PHOENIX CONTACT Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMSTBA 2,5/20-G



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMSTBA 2,5/20-G
Catalog number	1769984
Category	Printed circuit board connector
Minimum order	2000 Pcs
Document ID	EO-4E7E04C4EF
Generated	2026-11-18

Product Overview

Feed-through header
Printed circuit board base case, nominal section: 2.5 mm², color: green, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Male, number of potentials: 20, number of rows: 1, number of poles: 20, number of connections: 20, family of articles: SMSTBA 2.5/.. -G, pitch: 5 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, lock: 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 1769984
Packing unit 50 pc
Note Made to Order (non-returnable)
Catalog page Page 170 (CC-2005)
GTIN 4017918035204
Weight per Piece (excluding packing) 11.300 g
Custom tariff number 85366930
Country of origin DE (Germany)
Dimensions

Length [l] 16.5 mm
Width 102 mm
Pitch 5 mm
Dimension a 95 mm
Width [w] 102 mm
Height [h] 18.3 mm
Height 14.8 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 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 12 A
Maximum load current 12 A
Insulating material PA
Flammability rating according to UL 94 V0
Color green
Number of positions 20
Standards and Regulations
Connection in acc. with standard EN-VDE
CSA
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 / SMSTBA 2,5/20-G 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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