INDUSTRIAL COMPONENT DATA

MSTBA 2,5/18-G-RN 1944945 PHOENIX CONTACT Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: MSTBA 2,5/18-G-RN



Manufacturer	PHOENIX CONTACT
MPN / Reference	MSTBA 2,5/18-G-RN
Catalog number	1944945
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-200B24C6EB
Generated	2026-11-19

Product Overview

Feed-through header
Printed circuit board base housing, 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: 18, number of rows: 1, number of poles: 18, number of connections: 18, family of articles: MSTBA 2.5/.. -G-RN, 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, locking: Snap-in lock, fixing type: Snap-on protrusion, packaging type: box-packed, Item with lace protrusion
PCB base socket, nominal cross-section: 2.5 mm2, colour: green, rated current: 12 A, dimensioning voltage (III/2): 320 V, contact surface: Sn, contact connection type: plug, number of potentials: 18, number of rows: 1, number of poles: 18, number of connections: 18, product series: MSTBA 2.5/.. -G-RN, pitch: 5 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: Snap-on locking, fastening type: Snap-in tab, packaging type: packed in carton, item with plug-in tab

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 1944945
Packing unit 50 pc

Minimum order quantity 50 pc
Note Made to Order (non-returnable)
Catalog page Page 167 (CC-2005)
GTIN 4017918891169
Weight per Piece (excluding packing) 6.180 g
Custom tariff number 85366930
Country of origin DE (Germany)
Dimensions
Length [l] 12 mm
Width 95.82 mm
Pitch 5 mm
Dimension a 85 mm
Width [w] 95.82 mm
Height [h] 12.1 mm
Height 8.6 mm
Length of the solder pin 3.5 mm
Pin dimensions 1 x 1 mm
Pin spacing 5.08 mm
Length 12 mm
General
Range of articles MSTBA 2,5/..-G-RN
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 12 A
Maximum load current 12 A
Insulating material PBT
Flammability rating according to UL 94 V0
Color green
Number of positions 18
Standards and Regulations
Connection in acc. with standard EN-VDE
CUL
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 12.013...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSTBA 2,5/18-G-RN 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.