INDUSTRIAL COMPONENT DATA

MVSTBU 2,5/18-GFB-5,08 1788509 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MVSTBU 2,5/18-GFB-5,08



Manufacturer	PHOENIX CONTACT
MPN / Reference	MVSTBU 2,5/18-GFB-5,08
Catalog number	1788509
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-6AA706A22F
Generated	2026-11-19

Product Overview

Printed-circuit board connector
Direct plug-in block, 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: MVSTBU 2.5/.. -GFB, pitch: 5.08 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, mounting: Direct mounting, conductor/printed circuit board connection direction: 0 °, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2.5, locking: Screw lock, fixing type: Air clamping (thread), 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

Key Commercial Data
Orderkey 1788509
Packing unit 50 pc
Catalog page Page 201 (CC-2005)
GTIN 4017918043568
Weight per Piece (excluding packing) 38.090 g
Custom tariff number 85366990
Country of origin DE (Germany)
Dimensions

Length [l] 20.5 mm
Width [w] 102.76 mm
Height [h] 17.3 mm
Pitch 5.08 mm
Dimension a 86.36 mm
General
Range of articles MVSTBU 2,5/..-GFB
Number of positions 18
Connection method Screw connection with tension sleeve
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) 320 V
Rated voltage (III/2) 320 V
Rated voltage (II/2) 630 V
Connection in acc. with standard EN-VDE
Nominal current IN 12 A
Nominal cross section 2.5 mm²
Maximum load current 12 A
Insulating material PA
Flammability rating according to UL 94 V0
Internal cylindrical gage A3
Stripping length 7 mm
Screw thread M3
Tightening torque, min 0.5 Nm
Tightening torque max 0.6 Nm
Connection data
Conductor cross section solid min. 0.2 mm²
Conductor cross section solid max. 2.5 mm²
Conductor cross section flexible min. 0.2 mm²
Conductor cross section flexible max. 2.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm²
Conductor c...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MVSTBU 2,5/18-GFB-5,08 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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