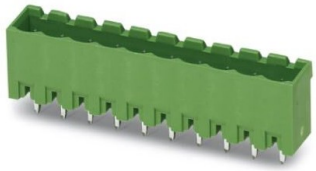
INDUSTRIAL COMPONENT DATA

MSTBVA 2,5/21-G 1755697 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MSTBVA 2,5/21-G



Manufacturer	PHOENIX CONTACT
MPN / Reference	MSTBVA 2,5/21-G
Catalog number	1755697
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-88600A5BC8
Generated	2026-11-18

Product Overview

Printed-circuit board connector
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: 21, number of rows: 1, number of poles: 21, number of connections: 21, family of articles: MSTBVA 2.5/.. -G, pitch: 5 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.9 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
PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 21, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.9 mm

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 1755697
Packing unit 1 pc
Minimum order quantity 50 pc
Catalog page Page 168 (CC-2005)
GTIN 4017918029272
Weight per Piece (excluding packing) 8.920 g
Custom tariff number 85366930

Country of origin DE (Germany)
Drawings
Electrical parameters
Material data - housing
Dimensions for PCB design
Ambient conditions
Standards and Regulations
Classifications
Item properties
Material data - contact
Dimensions for the product
Packaging information
Air clearances and creepage distances
Environmental Product Compliance
Drawings
Drilling diagram
Back to topItem properties
Brief article description Feed-through header
Plug-in system CLASSIC COMBICON
Type of contact Male connector
Range of articles MSTBVA 2,5/..-G
Pitch 5 mm
Number of positions 21
Mounting type Wave soldering
Pin layout Linear pinning
Locking without
Number of levels 1
Number of connections 21
Number of potentials 21
Back to topElectrical parameters
Nominal current 12 A
Nom. voltage 320 V
Rated voltage 250 V
Rated voltage (III/2) 320 V
Rated voltage (II/2) 400 V
Rated surge voltage (III/3) 4 kV
Rated surge voltage (III/2) 4 kV
Rated surge voltage (II/2) 4 kV
Back to topMaterial data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu alloy
Surface characteristics Tin-plated
Metal surface contact area (top layer) Tin (3 - 5 µm Sn)
Metal surface contact area (middle layer) Nickel (1.3 - 3 µm Ni),
Metal surface soldering area (top la...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSTBVA 2,5/21-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

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.