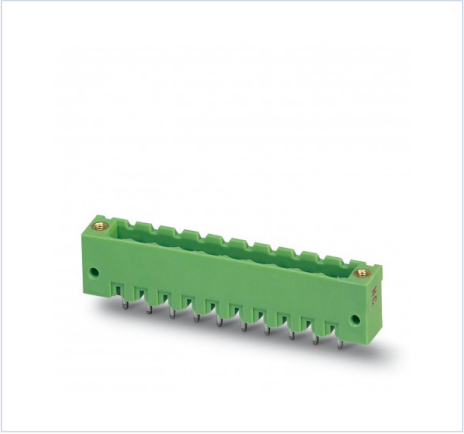
INDUSTRIAL COMPONENT DATA

# MSTBV 2,5 HC/10-GF-5,08 1924606 PHOENIX CONTACT Feed-through header

**Brand: PHOENIX CONTACT | Manufacturer Part Number: MSTBV 2,5 HC/10-GF-5,08**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | MSTBV 2,5 HC/10-GF-5,08 |
| Catalog number | 1924606 |
| Category | Printed circuit board connector |
| Minimum order | 50 Pcs |
| Document ID | EO-1C9FC65B23 |
| Generated | 2026-11-19 |

## Product Overview

Feed-through header
Printed circuit board base housing, nominal section: 2.5 mm², color: green, nominal current: 16 A (see derating curve), nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Male, number of potentials: 10, number of rows: 1, number of poles: 10, number of connections: 10, family of articles: MSTBV 2.5 HC/.. -GF, pitch: 5.08 mm, mounting: Wave welding, 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 HC, Plug-in face orientation: Standard, locking: Screw lock, fixing type: Air clamping (thread), packaging type: boxed
PCB headers, nominal cross section: 2.5 mm2, color: green, nominal current: 16 A (see derating curve), rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Pin, number of potentials: 10, number of rows: 1, number of positions: 10, number of connections: 10, product range: MSTBV 2,5 HC/..-GF, pitch: 5.08 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.9 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5 HC, Pin connector pattern alignment: Standard, locking: Screw locking mechanism, mounting: Threaded flange, type of packaging: packed in cardboard

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

Technical dataProduct propertiesProduct type PCB headers
Product family MSTBV 2,5 HC/..-GF
Product line COMBICON Connectors M

Type Standard
Number of positions 10
Pitch 5.08 mm
Number of connections 10
Number of rows 1
Number of potentials 10
Mounting flange Threaded flange
Pin layout Linear pinning
Solder pins per potential 1
Data management status
Article revision 02
Electrical propertiesNominal current IN 16 A (see derating curve)
Nominal voltage UN 320 V
Contact resistance 0.9 m?
Rated voltage (III/3) 320 V
Rated surge voltage (III/3) 4 kV
Rated voltage (III/2) 320 V
Rated surge voltage (III/2) 4 kV
Rated voltage (II/2) 630 V
Rated surge voltage (II/2) 4 kV
MountingMounting type Wave soldering
Pin layout Linear pinning
Flange
Tightening torque 0.3 Nm
Attachment on the PCB
Tightening torque 0.3 Nm
Screw Sheet metal screw ISO 1481-ST 2,2x6,5 C or ISO 7049-ST 2,2x6,5 C
Material specificationsMaterial 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 layer) Tin (3 - 5 µm Sn)
Metal surface soldering area (middle layer) Nickel (1.3 - 3 µm Ni)
Material data - housing
Color (Housing) green (6021)
Insulating material PA
Insulating material group I
CTI according to IEC 60112 600
Flammability rating according to UL 94....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSTBV 2,5 HC/10-GF-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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