INDUSTRIAL COMPONENT DATA

# MSTB 2,5 HC/ 5-GF-5,08 CR2,4 1480252 PHOENIX CONTACT Printed circuit board base housing, nominal section: 2...

**Brand: PHOENIX CONTACT | Manufacturer Part Number: MSTB 2,5 HC/ 5-GF-5,08 CR2,4**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | MSTB 2,5 HC/ 5-GF-5,08 CR2,4 |
| Catalog number | 1480252 |
| Category | Printed circuit board connector |
| Minimum order | 1000 Pcs |
| Document ID | EO-7BFAB9034B |
| Generated | 2026-11-18 |

## Product Overview

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: Sn, contact connection type: Male, number of rows: 1, number of poles: 5, family of articles: MSTB 2.5 HC/.. -GF, pitch: 5.08 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.23 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: Aerial clamping (thread), packaging type: boxed
PCB base housing, nominal cross-section: 2.5 mm², colour: green, nominal current: 16 A (see rating curve), nominal voltage (III/2): 320 V, surface contacts: Tin, contact type: Male, number of rows: 1, number of poles: 5, article family: MSTB 2.5 HC/.. -GF, pitch: 5.08 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 HC, Plug-in Face Orientation: Standard, Locking: Screw Locking, Fastening Type: Overhead Clamping (Thread), Packaging Type: Boxed

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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| Catalog path | PHOENIX CONTACT > PCB Connectors (PCC) |

## Additional Product Information

Technical dataItem PropertiesProduct Line COMBICON Connectors M
Product Type Printed circuit board base housing
Product Family MSTB 2.5 HC/.. -GF
Number of poles 5
Step 5.08 mm
Number of rows 1

Pin Design Linear Pin Arrangement
Number of Solder Pins Per Potential 1
Electrical PropertiesNominal Current IN 16 A (see rating curve)
Nominal voltage UN 320 V
Degree of pollution 3
Contact resistance 1 m?
Sizing voltage (III/3) 320 V
Dimensioning transient voltage (III/3) 4 kV
Dimensioning voltage (III/2) 320 V
Dimensioning Transient Voltage (III/2) 4 kV
Nominal voltage (II/2) 630 V
Dimensioning transient voltage (II/2) 4 kV
assemblyType of mounting Wave soldering
Pin Design Linear Pin Arrangement
bridle
Tightening torque 0.3 Nm
Fixing on the printed circuit board
Tightening torque 0.3 Nm
Screw ISO 1481-ST 2.2x6.5 C or ISO 7049-ST 2.2x6.5 C sheet metal screw
Material DataMaterial data - contact
Observation WEEE/RoHS compliant, filament-free according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu Alloy
Surface Characteristics Galvanically tinned
Metal surface contact area (top layer) Tin (3 - 5 um Sn)
Metal Surface Contact Area (Middle Layer) Nickel (1.3 - 3 um Ni)
Metal surface weld area (top layer) Tin (3 - 5 um Sn)
Metal Surface Welding Area (Middle Layer) Nickel (1.3 - 3 um Ni)
Material data - housing
Color (Housing) Green (6021)
Insulating material PA
Insulating material group I
CTI according to IEC 60112 600
Flammability class according to UL 94 V0
Flammability number of...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSTB 2,5 HC/ 5-GF-5,08 CR2,4 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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