INDUSTRIAL COMPONENT DATA

# MSTBO 2,5/ 3-G1R GY 2909552 PHOENIX CONTACT Electronic housing

**Brand: PHOENIX CONTACT | Manufacturer Part Number: MSTBO 2,5/ 3-G1R GY**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | MSTBO 2,5/ 3-G1R GY |
| Catalog number | 2909552 |
| Category | Printed circuit board connector |
| Minimum order | 200 Pcs |
| Document ID | EO-9236CB79CF |
| Generated | 2026-11-19 |

## Product Overview

Electronic housing
Printed circuit board base housing, nominal section: 2.5 mm², color: gray, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Sn, contact connection type: Male, number of potentials: 3, number of rows: 1, number of poles: 3, number of connections: 3, family of articles: MSTBO 2.5/.. -G1R, pitch: 5 mm, connection type: plug-in, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.5 mm, number of soldering pins per potential: 1, plug-in system: COMBICON MSTB 2.5, lock: without, packaging type: boxed, Item with side pin output on the right

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 > Housing (HS) |

## Additional Product Information

Key Commercial Data
Orderkey 2909552
Packing unit 200 pc
Note Made to Order (non-returnable)
GTIN 4017918404604
Weight per Piece (excluding packing) 1.700 g
Custom tariff number 85366990
Country of origin PL (Poland)
Dimensions
Pitch 5 mm

Dimension a 10 mm
Height 15 mm
General
Range of articles MSTBO 2,5/..-G1R
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
Number of positions 3
Standards and Regulations
Connection in acc. with standard EN-VDE
CSA
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 4.027180401eCl@ss 4.127180401eCl@ss 5.027180506eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss 7.027440402eCl@ss 8.027440402eCl@ss 9.027440402
ETIM 2.0EC001031ETIM 3.0EC001031ETIM 4.0EC002637ETIM 5.0EC002637ETIM 6.0EC002637
UNSPSC 6.0131261501UNSPSC 7.090131261501UNSPSC 1131261501UNSPSC 12.0131261501UNSPSC 13.239121409

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSTBO 2,5/ 3-G1R GY 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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