

## INDUSTRIAL COMPONENT DATA

# MSTBO 2,5/ 3-G1R KMGY AU 1077606 PHOENIX CONTACT PCB headers, number of positions: 3, pitch: 5 mm, color: li..

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



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | MSTBO 2,5/ 3-G1R KMGY AU        |
| Catalog number  | 1077606                         |
| Category        | Printed circuit board connector |
| Minimum order   | 1000 Pcs                        |
| Document ID     | EO-404859560D                   |
| Generated       | 2026-08-06                      |

## Product Overview

PCB headers, number of positions: 3, pitch: 5 mm, color: light gray, contact surface: Gold, pin layout: Linear pinning  
Printed circuit board base case, color: bright gray, contact surface: Gold, contact type: Male, number of rows: 1, number of poles: 3, family of items: MSTBO 2.5/.. -G1R Au, pitch: 5 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, Plug-in face orientation: Orthogonal, locking: without, packaging type: boxed, Item with side pin output on the right  
PCB headers, color: light gray, contact surface: Au, contact connection type: Pin, number of rows: 1, number of positions: 3, product range: MSTBO 2,5/..-G1R Au, pitch: 5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, Pin connector pattern alignment: Orthogonal, locking: without, type of packaging: packed in cardboard, Product with pin output on right side

## 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 > Housing (HS) |
|--------------|--------------------------------|

## Additional Product Information

Technical dataProduct propertiesProduct type PCB headers  
Product family MSTBO 2,5/..-G1R Au  
Type Header perpendicular to the PCB  
Number of positions 3  
Pitch 5 mm  
Number of rows 1  
Pin layout Linear pinning

Solder pins per potential 1  
Data management status  
Article revision 00  
MountingMounting type Wave soldering  
Pin layout Linear pinning  
Material specificationsMaterial data - housing  
Color (Housing) light gray (7035)  
DimensionsPitch 5 mm  
Width [w] 14.95 mm  
Height [h] 16.5 mm  
Length [l] 14.65 mm  
Solder pin length [P] 3.5 mm  
Pin dimensions 1 x 1 mm  
PCB design  
Hole diameter 1.4 mm  
Environmental and real-life conditionsAmbient conditions  
Ambient temperature (operation) -40 °C ... 105 °C (dependent on the derating curve)  
Ambient temperature (storage/transport) -40 °C ... 55 °C  
Relative humidity (storage/transport) 30 % ... 70 %  
Ambient temperature (assembly) -5 °C ... 100 °C  
Packaging specificationsType of packaging packed in cardboard  
Outer packaging type Carton  
ETIM for 1077606 Connectors (EC002637)  
Feature Name  
Feature Value  
Connector model (EF007495)  
Fixed connector  
Contact type (EF001587)  
Pin  
Number of plug-in contact rows (EF006935)  
1  
Modular spacing contacts (EF007326)  
5 mm  
Modular spacing connections (EF006827)  
5 mm  
Over voltage category (EF006785)  
III  
Pollution degree (EF006786)  
2  
Type of electric connection (EF003961)  
Other  
Diameter connection pin (EF006823)  
1.4 mm  
Length pin (EF006825)  
3.5 mm  
Housing colour (EF000136)  
Grey

Operating temperature (EF002393)

-40 °C

Type of...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSTBO 2,5/ 3-G1R KMGY AU with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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