

INDUSTRIAL COMPONENT DATA

MSTBO 2,5/ 3-G1R GYWH 2278490 PHOENIX CONTACT

Electronic housing

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MSTBO 2,5/ 3-G1R GYWH
Catalog number	2278490
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-178DA23D42
Generated	2026-08-06

Product Overview

Electronic housing

Printed circuit board base housing, nominal section: 2.5 mm², color: grayish white, nominal current: 12 A, nominal voltage (III/2): 320 V, contact 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, 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, lock: without, packaging type: boxed, Item with right side pin output

PCB header, nominal cross-section: 2.5 mm², colour: white-grey, nominal current: 12 A, reference voltage (III/2): 320 V, contact area: Sn, contact type: Male, number of potentials: 3, number of rows: 1, number of poles: 3, number of connections: 3, article range: MSTBO 2.5/.. -G1R, pitch: 5 mm, connection type: plug-in, mounting: Wave welding, spindle plane: Linear pinout, spindle length [P]: 3.5 mm, number of pins per potential: 1, Plug-in system: COMBICON MSTB 2.5, Plug-in pattern orientation: Orthogonal, locking: without, Packaging type: packed in carton, Item with right side spindle outlet

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)
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Additional Product Information

Key Commercial Data

Orderkey 2278490

Packing unit 50 pc

Minimum order quantity 50 pc

GTIN 4046356297349

Weight per Piece (excluding packing) 1.830 g

Custom tariff number 85366990

Country of origin PL (Poland)

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 4.0272607xeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss

7.027440402eCl@ss 8.027440402eCl@ss 9.027440402

ETIM 3.0EC001121ETIM 4.0EC002637ETIM 5.0EC002637ETIM 6.0EC002637

UNSPSC 6.0130211810UNSPSC 7.090139121409UNSPSC 1139121409UNSPSC 12.0139121409UNSPSC
13.239121409

ETIM for 2278490 Connectors (EC002637)

Feature Name

Feature Value

Connector model (EF007495)

Fixed connector

Contact type (EF001587)

Pin

Number of poles (EF001391)

3

Number of plug-in contact rows (EF006935)

1

Modular spacing contacts (EF007326)

5 mm

Modular spacing connections (EF006827)

5 mm

Rated current I_n (EF008250)

12 A

Rated voltage (EF000228)

320 V

Rated surge voltage (EF002993)

4 kV

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

Material insulation body (EF007543)

Other

Housing colour (EF000136)

Other

Inflammability class of insulation material according to UL94 (EF002521)

V0

Operating temperature (EF002393)

-40 °C

Type of banding (EF007011)

Carton (for SMD)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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