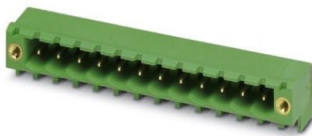


INDUSTRIAL COMPONENT DATA

MSTBW 2,5/12-GF-5,08 AU 1781188 PHOENIX CONTACT Header

Brand: PHOENIX CONTACT | Manufacturer Part Number: MSTBW 2,5/12-GF-5,08 AU



Manufacturer	PHOENIX CONTACT
MPN / Reference	MSTBW 2,5/12-GF-5,08 AU
Catalog number	1781188
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-324C7682B3
Generated	2026-08-04

Product Overview

Header

Printed circuit board base housing, nominal section: 2.5 mm², color: green, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Gold, contact type: Male, number of potentials: 12, number of rows: 1, number of poles: 12, number of connections: 12, article family: MSTBW 2.5/.. -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, Plug-in face orientation: Standard, locking: Screw lock, fixing type: Air 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

Catalog path PHOENIX CONTACT > PCB Connectors (PCC)

Additional Product Information

Key Commercial Data

Orderkey 1781188

Packing unit 1

GTIN 4046356545617

Custom tariff number 85366930

Dimensions

Length [l] 12 mm

Width 60.96 mm

Pitch 5.08 mm

Dimension a 55.88 mm

Width [w] 60.96 mm

Height [h] 15.92 mm

Height 12.42 mm

Length of the solder pin 3.5 mm

Length 12 mm

General

Range of articles MSTBW 2,5/-GF

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 I_N 12 A

Maximum load current 12 A

Insulating material PBT

Flammability rating according to UL 94 V0

Color green

Number of positions 12

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 = 50

For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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 1781188 Connectors (EC002637)

Feature Name

Feature Value

Connector model (EF007495)

Fixed connector

Contact type (EF001587)

Pin

Number of po...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSTBW 2,5/12-GF-5,08 AU 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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