

# Printed-circuit board connector - MSTBA 2,5/ 2-G-5,08 GY7035 - 1702878

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

PCB headers, nominal current: 12 A, number of positions: 2, pitch: 5.08 mm, color: light gray, contact surface: Tin, mounting: Wave soldering



The figure shows a 10-position version of the product

## Your advantages

- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Well-known mounting principle allows worldwide use
- ✓ Plug-in direction parallel to the PCB
- ✓ Closed contour for optimum stability of the plug-in connection
- ✓ Easy PCB replacement thanks to plug-in modules



## Key Commercial Data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	
GTIN	4046356621960

## Technical data

### Dimensions

Length [ l ]	12 mm
Width	12.16 mm
Pitch	5.08 mm
Dimension a	5.08 mm
Width [ w ]	12.16 mm
Height [ h ]	11.8 mm
Height	8.6 mm
Length of the solder pin	3.2 mm

# Printed-circuit board connector - MSTBA 2,5/ 2-G-5,08 GY7035 - 1702878

## Technical data

### Dimensions

Pin dimensions	1 x 1 mm
Length	12 mm

### General

Range of articles	MSTBA 2,5/..-G
Rated voltage (III/3)	250 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	12 A
Color	light gray
Number of positions	2

### Standards and Regulations

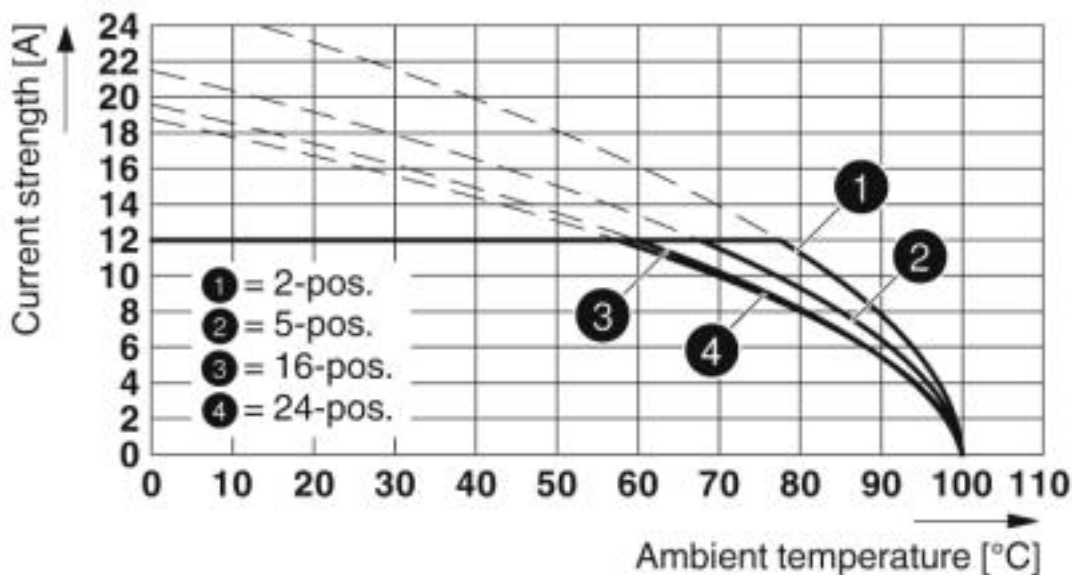
Connection in acc. with standard	EN-VDE
----------------------------------	--------

### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

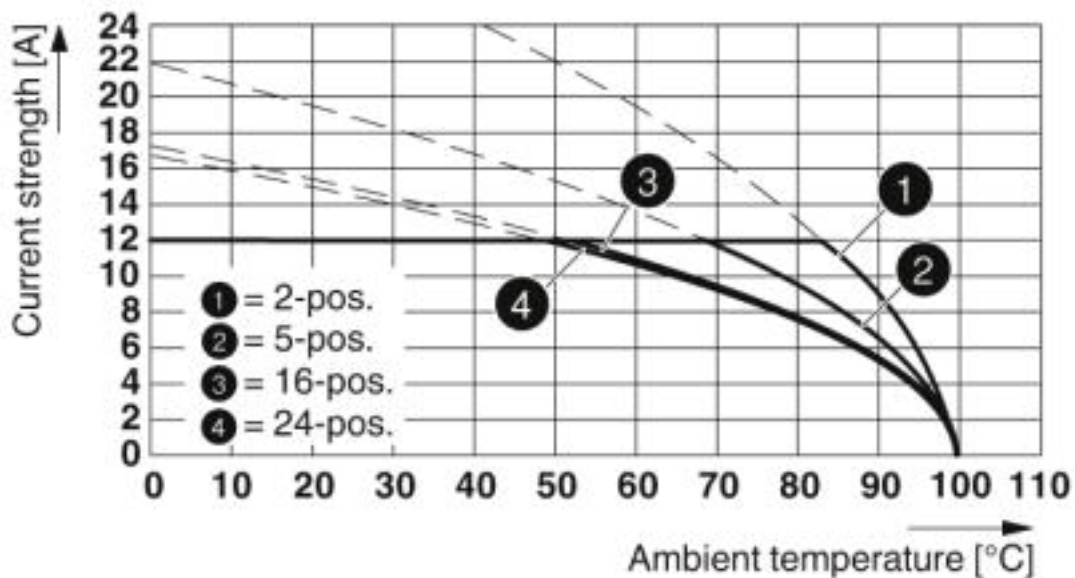
Diagram



Type: FRONT-MSTB 2,5/...-ST-5,08 with MSTBA 2,5/...-G-5,08

# Printed-circuit board connector - MSTBA 2,5/ 2-G-5,08 GY7035 - 1702878

Diagram



Type: IC 2,5/...-G-5,08 with MSTBA 2,5/...-G-5,08

## Approvals

Approvals

Approvals

EAC / IECCEB Scheme / VDE Gutachten mit Fertigungsüberwachung / cULus Recognized

Ex Approvals

## Approval details


EAC		B.01742
-----	--	---------


IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-60988-B1B2
-----------------	--	---	----------------

Nominal voltage UN	250 V
Nominal current IN	12 A

# Printed-circuit board connector - MSTBA 2,5/ 2-G-5,08 GY7035 - 1702878

## Approvals

VDE Gutachten mit Fertigungsüberwachung		<a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a>	40004701
Nominal voltage UN		250 V	
Nominal current IN		12 A	

cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-19931011
	B	D	
Nominal voltage UN	300 V	300 V	
Nominal current IN	15 A	10 A	

Phoenix Contact 2019 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>