



**Automatización Eléctrica**  
Especialistas en Automatización

At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking [HERE](#). [HERE](#)

# Printed-circuit board connector - MSTB 2,5 HC/ 3-GF - 1923982

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>)

Header, Nominal current: 16 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



The figure shows a 10-position version of the product

## Why buy this product

- 16 A (HC) headers in horizontal and vertical (MSTBV) versions
- Lateral HC marking („High Current“)
- Vibration-resistant connection by means of threaded flange (-GF)
- Lateral mismatching prevented by side panels
- Coding sections (CR) as protection against mismatching



## Key Commercial Data

Packing unit	50 STK
GTIN	4 017918 600174

## Technical data

### Dimensions

Length	12 mm
Pitch	5.00 mm
Dimension a	10 mm
Constructional height	9 mm
Length of the solder pin	3.5 mm
Pin dimensions	1 x 1 mm
Pin spacing	5.00 mm
Hole diameter	1.4 mm

### General

Range of articles	MSTB 2,5 HC/...-GF
-------------------	--------------------

# Printed-circuit board connector - MSTB 2,5 HC/ 3-GF - 1923982

## Technical data

### General

Insulating material group	I
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 <sub>N</sub>	16 A (see derating curve)
Maximum load current	16 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	3

### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

## Classifications

### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637

### UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409

# Printed-circuit board connector - MSTB 2,5 HC/ 3-GF - 1923982

## Classifications

### UNSPSC

UNSPSC 13.2	39121409
-------------	----------

## Approvals

### Approvals


#### Approvals


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


#### Ex Approvals

#### Approvals submitted

## Approval details

UL Recognized 		
	B	D
Nominal current IN	16 A	10 A
Nominal voltage UN	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung 	
Nominal current IN	16 A
Nominal voltage UN	250 V

cUL Recognized 		
	B	D
Nominal current IN	16 A	15 A
Nominal voltage UN	300 V	150 V

# Printed-circuit board connector - MSTB 2,5 HC/ 3-GF - 1923982

## Approvals

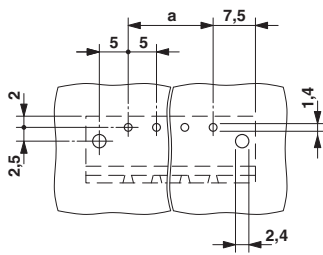
IECEE CB Scheme	
Nominal current I <sub>N</sub>	16 A
Nominal voltage U <sub>N</sub>	250 V

EAC

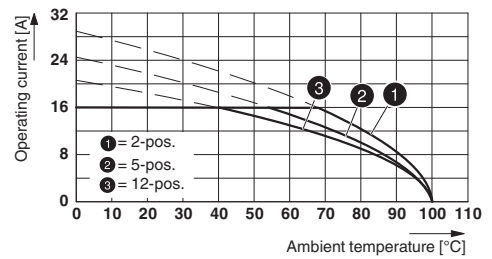
cULus Recognized

## Drawings

Drilling diagram

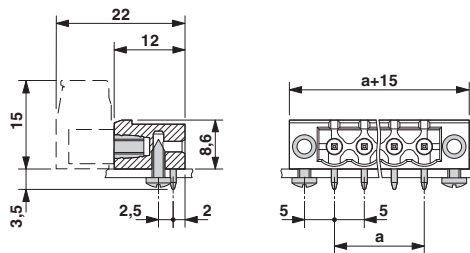


Diagram



Type: FK 2,5 HC/...-STF with MSTB 2,5 HC/...-GF

Dimensional drawing



Phoenix Contact 2016 © - all rights reserved  
<http://www.phoenixcontact.com>

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



Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button.](#)

Product	Code	Reference	Product link
Header, Nominal current: 16 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Soldering	1923982	MSTB 2,5 HC/ 3-GF	<a href="#">Buy on EAN</a>