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# PCB connector - MSTB 2,5 HC/10-GF-5,08 - 1924169

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Header, Nominal current: 16 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 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“)
- Lateral mismatching prevented by side panels
- Vibration-resistant connection by means of threaded flange (-GF)
- Coding sections (CR) as protection against mismatching



## Key Commercial Data

Packing unit	50 STK
GTIN	4 017918 600136

## Technical data

### Dimensions

Length	12 mm
Pitch	5.08 mm
Dimension a	45.72 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
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## 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	10

### 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

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## Classifications

### UNSPSC

UNSPSC 13.2	39121409
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## Approvals

### Approvals

#### Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCE CB Scheme / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

## Approval details

UL Recognized		
	B	D
Nominal current I <sub>N</sub>	16 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung	
Nominal current I <sub>N</sub>	16 A
Nominal voltage U <sub>N</sub>	250 V

cUL Recognized		
	B	D
Nominal current I <sub>N</sub>	16 A	15 A
Nominal voltage U <sub>N</sub>	300 V	150 V

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## Approvals

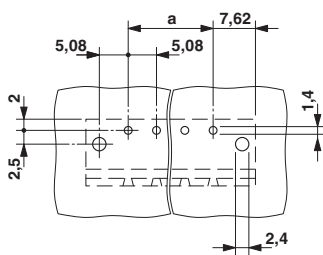
IECEE CB Scheme	
Nominal current IN	16 A
Nominal voltage UN	250 V

EAC

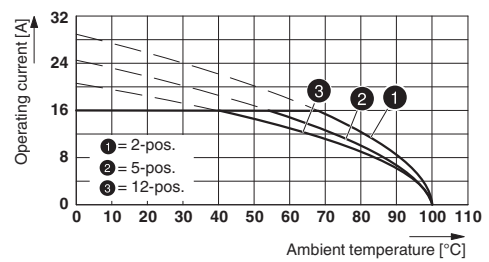
cULus Recognized

## Drawings

Drilling diagram

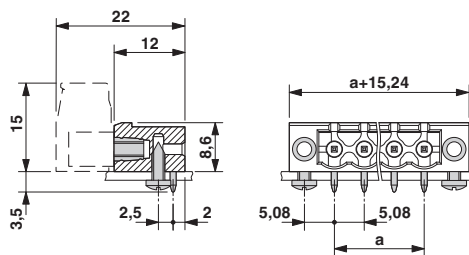


Diagram



Derating curve for: FKC 2,5 HC/...-STF-5,08 with MSTB 2,5 HC/...-GF-5,08

Dimensional drawing



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Product	Code	Reference	Product link
Header, Nominal current: 16 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Soldering	1924169	MSTB 2,5 HC/10-GF-5,08	<a href="#">Buy on EAN</a>