

# Printed-circuit board connector - GIC 2,5 HC/12-G-7,62 - 1745881

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PCB headers, nominal current: 16 A, rated voltage (III/2): 630 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 12, pitch: 7.62 mm, color: green, contact surface: Tin, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm




The figure shows the 5-pos. version

## Your advantages

- Well-known mounting principle allows worldwide use
- Inverted header with socket contacts for touch-proof device outputs or PCB/PCB connections
- Integrated double steel spring provides additional safety in the event of temperature and power fluctuations



## Key Commercial Data

Packing unit	50 pc
GTIN	 4 046356 310376
GTIN	4046356310376

## Technical data

### Dimensions

Length [ l ]	19 mm
Width	91.44 mm
Pitch	7.62 mm
Dimension a	83.82 mm
Width [ w ]	91.44 mm
Height [ h ]	13.7 mm
Installed height	10.2 mm
Length of the solder pin	3.5 mm
Pin dimensions	0.47 x 1.14 mm
Pin spacing	5.04 mm
Length	19 mm

### General

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## Technical data

### General

Range of articles	GIC 2,5 HC/..-G
Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	630 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	16 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	12

### Standards and Regulations

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

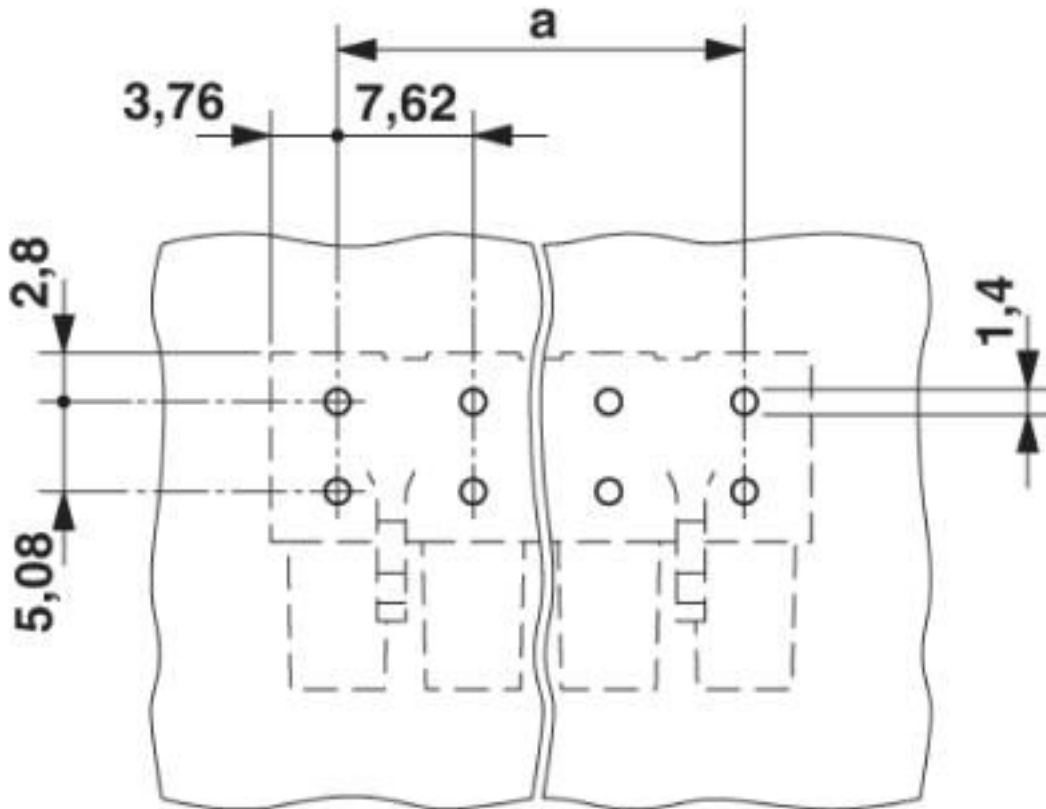
### Environmental Product Compliance

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

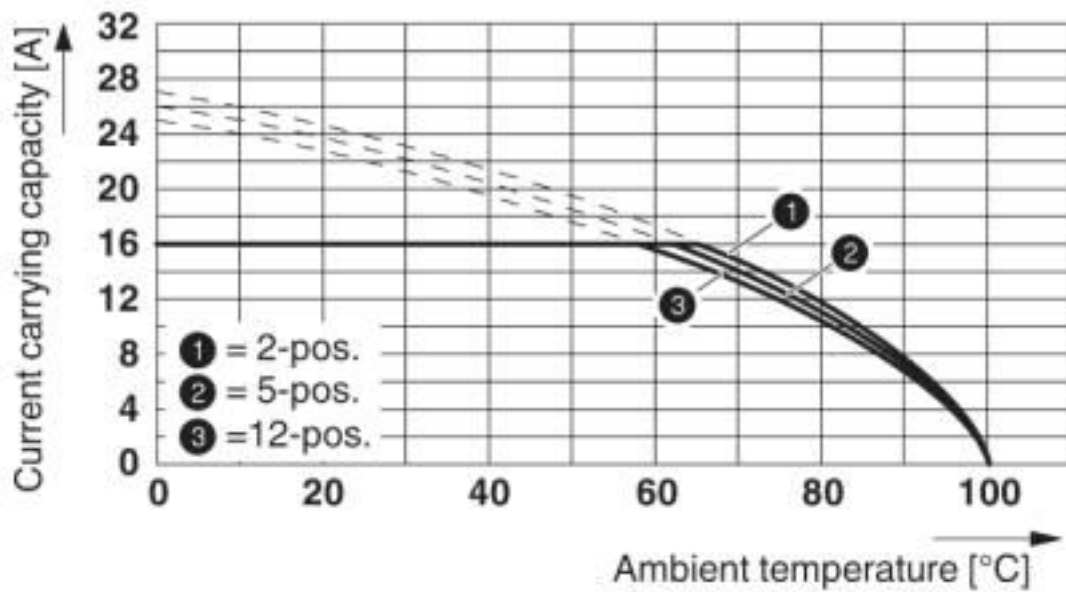
## Drawings

# Printed-circuit board connector - GIC 2,5 HC/12-G-7,62 - 1745881

Drilling diagram



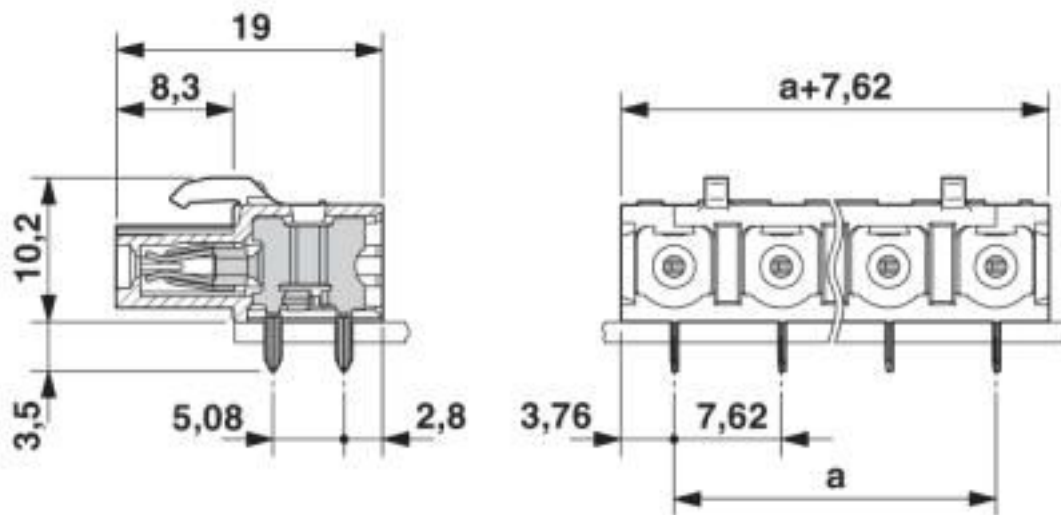
Diagram



Derating curve for: GIC 2,5 HC/...-ST-7,62 with GIC 2,5 HC/...-G-7,62

# Printed-circuit board connector - GIC 2,5 HC/12-G-7,62 - 1745881

Dimensional drawing



## Classifications

### eCl@ss

eCl@ss 10.0.1	27440402
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
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
ETIM 6.0	EC002637
ETIM 7.0	EC002637

### UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121409
UNSPSC 18.0	39121409
UNSPSC 19.0	39121409

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## Classifications

### UNSPSC

UNSPSC 20.0	39121409
UNSPSC 21.0	39121409

## Approvals

### Approvals


#### Approvals


EAC / cULus Recognized / IECEE CB Scheme / VDE Zeichengenehmigung


#### Ex Approvals

### Approval details

EAC		B.01687
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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>	E60425-19931014
	B	D	
Nominal voltage UN	250 V	300 V	
Nominal current IN	16 A	10 A	

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-60988-B1B2
Nominal voltage UN	400 V		
Nominal current IN	16 A		

VDE Zeichengenehmigung		<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>	40050079
Nominal voltage UN	400 V		
Nominal current IN	16 A		

## Printed-circuit board connector - GIC 2,5 HC/12-G-7,62 - 1745881

### Accessories

#### Additional products

Plug - GIC 2,5 HCV/12-ST-7,62 - 1745726



PCB connector, nominal current: 16 A, rated voltage (III/2): 1000 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 12, pitch: 7.62 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Feed-through header - GMSTBA 2,5 HC/12-G-7,62 - 1728950



PCB headers, nominal current: 16 A, rated voltage (III/2): 630 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 12, pitch: 7.62 mm, color: green, contact surface: Tin, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.2 mm

Printed-circuit board connector - GMSTBVA 2,5 HC/12-G-7,62 - 1792452



PCB headers, nominal current: 16 A, rated voltage (III/2): 630 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 12, pitch: 7.62 mm, color: green, contact surface: Tin, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.9 mm

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[PVP02-5,00](#) [PVP03-3,50](#) [PVP04-3,50](#) [PVS02-5,00](#) [1-1986160-3](#) [1377680000](#) [1531000000](#) [1546228-5](#) [ELFH16150](#) [ELFP03110](#)  
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