

# Printed-circuit board connector - GIC 2,5 HC/ 2-G-7,62 - 1745784

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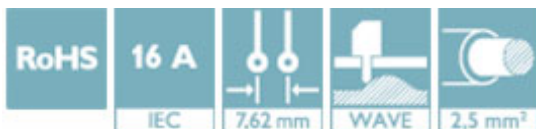
PCB headers, nominal current: 16 A, number of positions: 2, pitch: 7.62 mm, color: green, contact surface: Tin, mounting: Wave soldering




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
Minimum order quantity	50 pc
GTIN	 4 046356 310185
GTIN	4046356310185

## Technical data

### Dimensions

Length [ l ]	19 mm
Width	15.24 mm
Pitch	7.62 mm
Dimension a	7.62 mm
Width [ w ]	15.24 mm
Height [ h ]	13.7 mm
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

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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	2

### Standards and Regulations

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

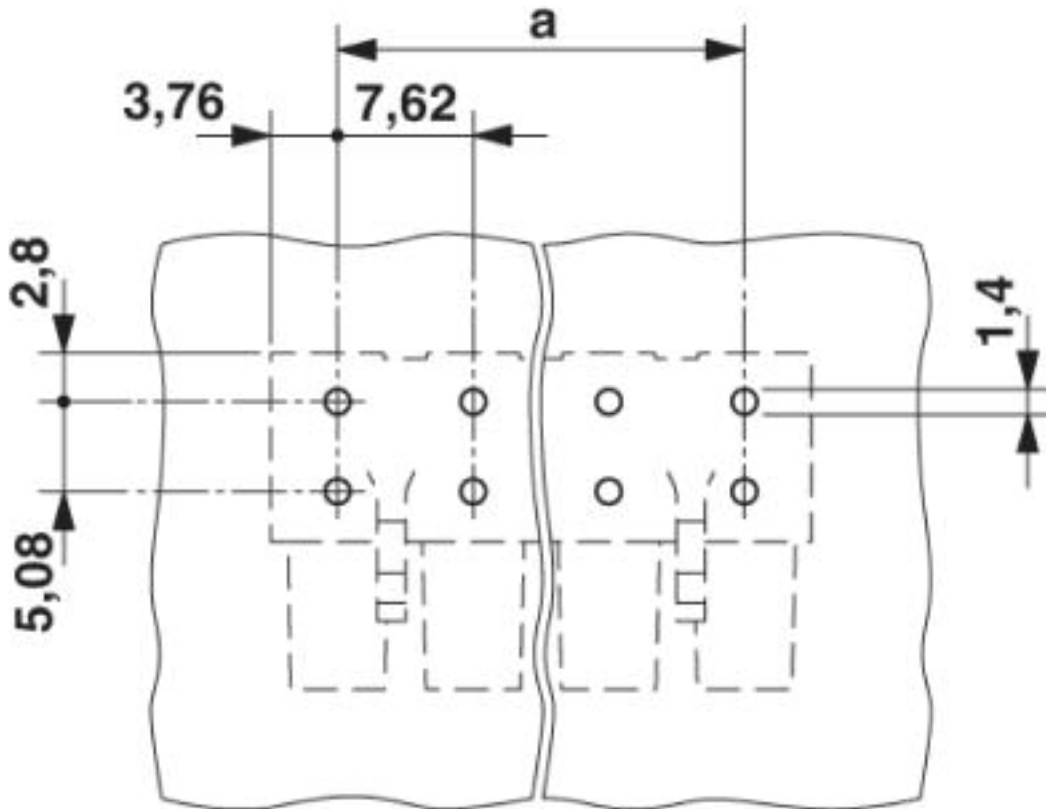
### Environmental Product Compliance

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

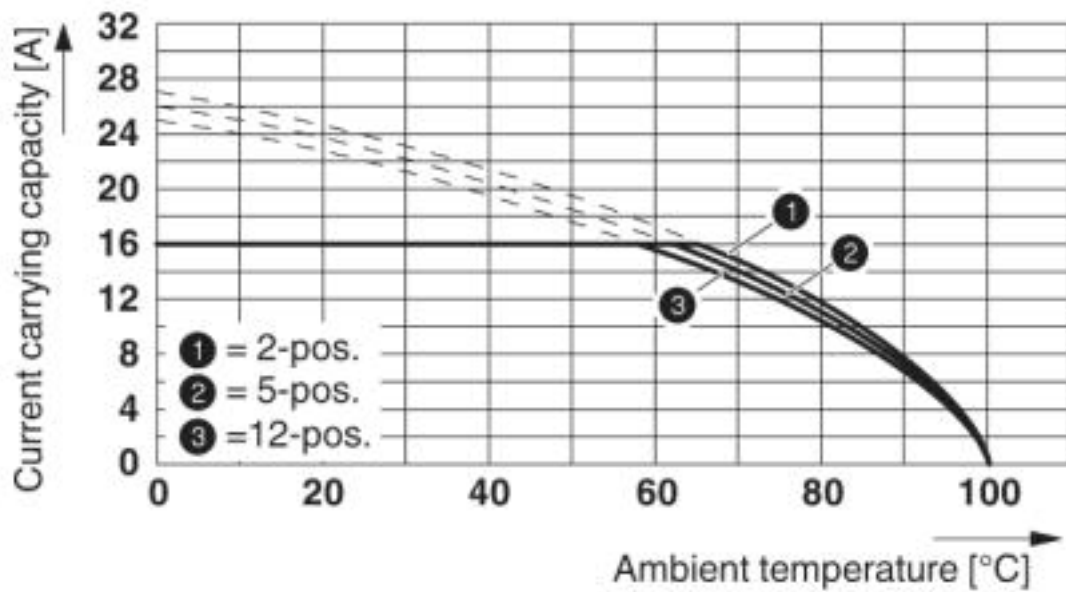
## Drawings

# Printed-circuit board connector - GIC 2,5 HC/ 2-G-7,62 - 1745784

Drilling diagram



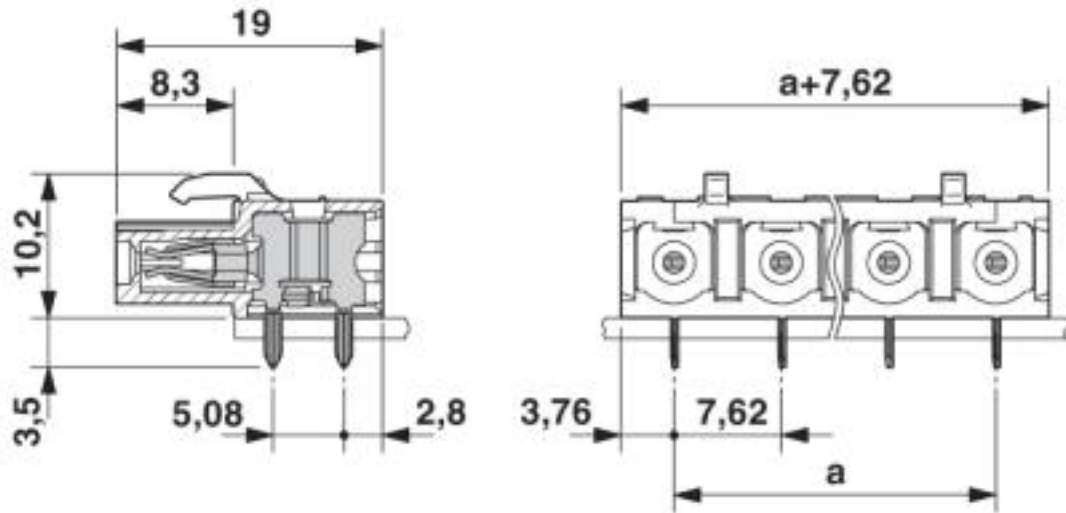
Diagram



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

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Dimensional drawing



## Approvals

Approvals

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Approvals

EAC / cULus Recognized / IECCE CB Scheme / VDE Zeichengenehmigung

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Ex Approvals


## Approval details


EAC		B.01742
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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	

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## Approvals

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	

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