

# Printed-circuit board connector - BCH-381HF-16 GY - 5431518

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 16, Pitch: 3.81 mm, Color: signal grey, Contact surface: Tin, Mounting: Wave soldering



The illustration shows the 5-position version of the product



## Key Commercial Data

Packing unit	1 pc
Minimum order quantity	100 pc
Weight per Piece (excluding packing)	4.2 g
Custom tariff number	85366990
Country of origin	China

## Technical data

### Dimensions

Length	9.2 mm
Pitch	3.81 mm
Dimension a	57.15 mm
Length of the solder pin	3.4 mm
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.2 mm

### General

Range of articles	BCH-HF
Insulating material group	I
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV

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## Technical data

### General

Rated voltage (III/3)	160 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	8 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	signal grey
Number of positions	16

### 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	27261101
eCl@ss 7.0	27440401
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	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121409
UNSPSC 13.2	39121432

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## Approvals

### Approvals

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#### Approvals

UL Recognized / cUL Recognized / VDE Gutachten mit Fertigungsüberwachung / IEC60335 CB Scheme / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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### Approval details

UL Recognized		
	B	D
Nominal current I <sub>N</sub>	8 A	8 A
Nominal voltage U <sub>N</sub>	250 V	300 V

cUL Recognized		
	B	D
Nominal current I <sub>N</sub>	8 A	8 A
Nominal voltage U <sub>N</sub>	250 V	300 V

VDE Gutachten mit Fertigungsüberwachung		
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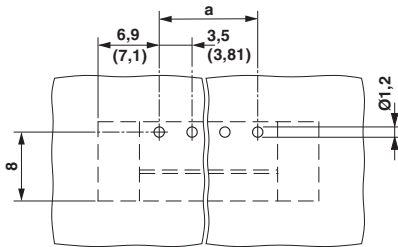
IECEE CB Scheme		
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cULus Recognized		
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## Drawings

Drilling diagram



Dimensional drawing

