# Printed-circuit board connector - BCH-508HS-18 GN - 5446862

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Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, Pitch: 5.08 mm, Color: pastel green, Contact surface: Tin, Mounting: Soldering



The figure shows a 5-pos. version of the product in gray

## Key commercial data

| | |
|---|---|
| Packing unit | 1 pc |
| Minimum order quantity | 100 pc |
| Weight per Piece (excluding packing) | 6.6 GRM |
| Custom tariff number | 85366990 |
| Country of origin | China |

## Technical data

### Dimensions

| | |
|---|---|
| Length | 12 mm |
| Pitch | 5.08 mm |
| Dimension a | 86.36 mm |
| Pin dimensions | 1 x 1 mm |
| Hole diameter | 1.4 mm |

### General

| | |
|---|---|
| Range of articles | BCH-HS |
| 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 |

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## Technical data

### General

| | |
|---|---|
| Rated voltage (II/2) | 400 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current $I_N$ | 12 A |
| Maximum load current | 12 A |
| Insulating material | PA |
| Inflammability class according to UL 94 | V0 |
| Color | pastel green |
| Number of positions | 18 |

## 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 |

### 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 |

## Approvals

### Approvals

Approvals

UL Recognized / cUL Recognized / VDE Gutachten mit Fertigungsüberwachung / cULus Recognized

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## Approvals

Ex Approvals

Approvals submitted

### Approval details

UL Recognized

| | B | D |
|---|---|---|
| Nominal current IN | 15 A | 15 A |
| Nominal voltage UN | 300 V | 150 V |

cUL Recognized

| | B | D |
|---|---|---|
| Nominal current IN | 15 A | 15 A |
| Nominal voltage UN | 300 V | 150 V |

VDE Gutachten mit Fertigungsüberwachung

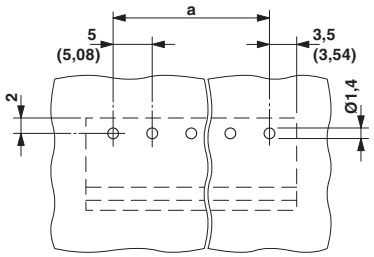
| | |
|---|---|
| mm²/AWG/kcmil | 0.2-2.5 |
| Nominal current IN | 12 A |
| Nominal voltage UN | 320 V |

cULus Recognized

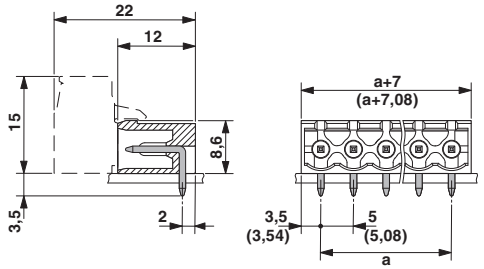
## Drawings

# Printed-circuit board connector - BCH-508HS-18 GN - 5446862

Drilling diagram




Dimensioned drawing




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