

## Printed-circuit board connector - BCH-500VS-16 GN - 5446228

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Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5 mm, Color: pastel green, Contact surface: Tin, Assembly: 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) | 6.0 GRM  |
| Custom tariff number                 | 85366990 |
| Country of origin                    | China    |

### Technical data

#### Dimensions

|                |          |
|----------------|----------|
| Length         | 8.6 mm   |
| Pitch          | 5 mm     |
| Dimension a    | 75 mm    |
| Pin dimensions | 1 x 1 mm |
| Hole diameter  | 1.4 mm   |

#### General

|                             |        |
|-----------------------------|--------|
| Range of articles           | BCH-VS |
| 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 (U/2)                     | 400 V        |
| Connection in acc. with standard        | EN-VDE       |
| Nominal current I <sub>N</sub>          | 12 A         |
| Maximum load current                    | 12 A         |
| Insulating material                     | PA           |
| Inflammability class according to UL 94 | V0           |
| Color                                   | pastel green |
| Number of positions                     | 16           |

## 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 | 27141110 |
| 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

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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 I <sub>N</sub> | 15 A  | 10 A  |
| Nominal voltage U <sub>N</sub> | 300 V | 300 V |

|                                |       |       |
|--------------------------------|-------|-------|
| cUL Recognized                 |       |       |
|                                | B     | D     |
| Nominal current I <sub>N</sub> | 15 A  | 10 A  |
| Nominal voltage U <sub>N</sub> | 300 V | 300 V |

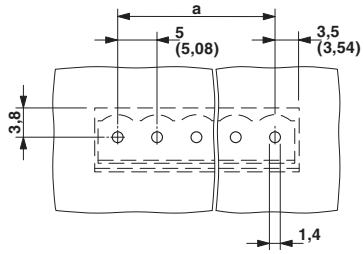
|   |         |
|---|---------|
| VDE Gutachten mit Fertigungsüberwachung |         |
| mm <sup>2</sup> /AWG/kcmil              | 0.2-2.5 |
| Nominal current I <sub>N</sub>          | 12 A    |
| Nominal voltage U <sub>N</sub>          | 320 V   |

|                  |  |
|------------------|--|
| cULus Recognized |  |
|------------------|--|

## Drawings

# Printed-circuit board connector - BCH-500VS-16 GN - 5446228

Drilling diagram



Dimensioned drawing

