



**THE DATASHEET OF**  
**5433024**



## Printed-circuit board connector - BCH-500VS- 3 GY - 5433024

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Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Color: signal grey, Contact surface: Tin, Mounting: Soldering

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



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Minimum order quantity               | 100 pc   |
| Weight per Piece (excluding packing) | 1.4 g    |
| Custom tariff number                 | 85366990 |
| Country of origin                    | China    |

### Technical data

#### Dimensions

|                          |          |
|--------------------------|----------|
| Length                   | 8.6 mm   |
| Pitch                    | 5.00 mm  |
| Dimension a              | 10 mm    |
| Length of the solder pin | 3.9 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  |

# Printed-circuit board connector - BCH-500VS- 3 GY - 5433024

## Technical data

### General

|                                        |             |
|----------------------------------------|-------------|
| Rated voltage (III/2)                  | 320 V       |
| Rated voltage (II/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          |
| Flammability rating according to UL 94 | V0          |
| Color                                  | signal grey |
| Number of positions                    | 3           |

### 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 |

### 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 |

# Printed-circuit board connector - BCH-500VS- 3 GY - 5433024

## Approvals

### Approvals

#### Approvals

UL Recognized / cUL Recognized / VDE Gutachten mit Fertigungsüberwachung / IEC60364 CB Scheme / cULus Recognized

#### 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   |

|                 |  |
|-----------------|--|
| IECEE CB Scheme |  |
|-----------------|--|

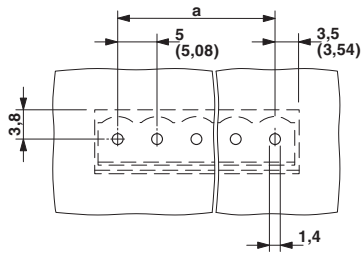
# Printed-circuit board connector - BCH-500VS- 3 GY - 5433024

## Approvals

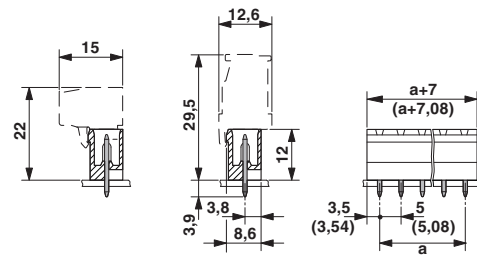


## Drawings

Drilling diagram



Dimensional drawing



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