# Printed-circuit board connector - BCH-381V- 2 GY - 5431563

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

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

## Key Commercial Data

| | |
|---|---|
| Packing unit | 1 pc |
| Minimum order quantity | 100 pc |
| Weight per Piece (excluding packing) | 0.6 g |
| Custom tariff number | 85366990 |
| Country of origin | China |

## Technical data

### Dimensions

| | |
|---|---|
| Length | 7.4 mm |
| Pitch | 3.81 mm |
| Dimension a | 3.81 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-V |
| 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 |
| Rated voltage (III/3) | 160 V |

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## Technical data

### General

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

### 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 |

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## Approvals

### Approvals

Approvals

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

Ex Approvals

Approvals submitted

## Approval details

UL Recognized

| | B | D |
|---|---|---|
| Nominal current IN | 8 A | 8 A |
| Nominal voltage UN | 250 V | 300 V |

cUL Recognized

| | B | D |
|---|---|---|
| Nominal current IN | 8 A | 8 A |
| Nominal voltage UN | 250 V | 300 V |

VDE Gutachten mit Fertigungsüberwachung

| | |
|---|---|
| mm²/AWG/kcmil | 0.2-1.5 |
| Nominal current IN | 8 A |
| Nominal voltage UN | 160 V |

IECEE CB Scheme

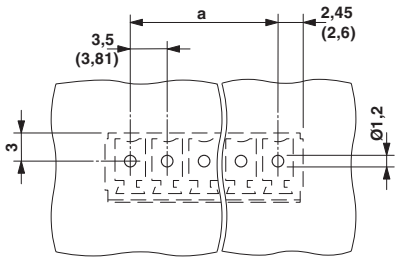
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## Approvals

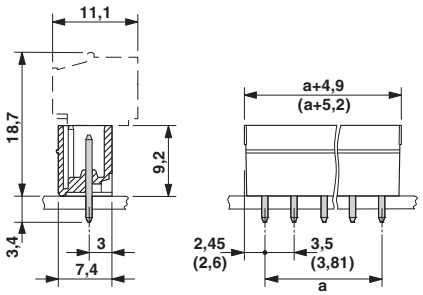
cULus Recognized

## Drawings

Drilling diagram




Dimensional drawing




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