

## Printed-circuit board connector - BCH-381H-12 - 5431288

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Color: Signal gray, Contact surface: Tin, Assembly: Soldering



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



### Key commercial data

|                        |                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit           | 1 PCE                                                                                                   |
| Minimum order quantity | 100 PCE                                                                                                 |
| GTIN                   | <br>4 046356 168786 |
| Custom tariff number   | 85366990                                                                                                |
| Country of origin      | CHINA                                                                                                   |

### Technical data

#### Dimensions

|                |              |
|----------------|--------------|
| Length         | 9.2 mm       |
| Pitch          | 3.81 mm      |
| Dimension a    | 41.91 mm     |
| Pin dimensions | 0,8 x 0,8 mm |
| Hole diameter  | 1.2 mm       |

#### General

|                             |        |
|-----------------------------|--------|
| Range of articles           | BCH-H  |
| 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 $I_N$                   | 8 A         |
| Insulating material                     | PA          |
| Inflammability class according to UL 94 | V0          |
| Color                                   | Signal gray |
| Nominal voltage, UL/CUL Use Group B     | 250 V       |
| Nominal current, UL/CUL Use Group B     | 8 A         |
| Nominal voltage, UL/CUL Use Group D     | 300 V       |
| Nominal current, UL/CUL Use Group D     | 8 A         |
| Number of positions                     | 12          |

## 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 |

### 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-381H-12 - 5431288

### Approvals

#### Approvals

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#### Approvals

UL Recognized / cUL Recognized / 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 |

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

### Accessories

#### Accessories

#### Marking

## Printed-circuit board connector - BCH-381H-12 - 5431288

### Accessories

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

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Marker cards - SK 3,5/2,8:FORTL.ZAHLEN - 0804073



Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, Mounting type: Adhesive, For terminal block width: 3.5 mm

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Marker cards - SK U/2,8 WH:UNBEDRUCKT - 0803883



Marker cards, Sheet, white, Unlabeled, Can be labeled with: Plotter, Office printing systems, Mounting type: Adhesive, Lettering field: 186 x 2.8 mm

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Coding profile - CP-BC-M - 5436160



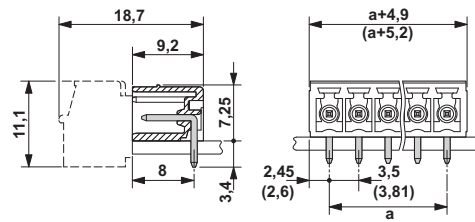
Coding profile

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### Drawings

## Printed-circuit board connector - BCH-381H-12 - 5431288

Dimensioned drawing



## Printed-circuit board connector - BCH-381H-12 - 5431288

Drilling diagram

