

## Printed-circuit board connector - BCP-508F-20 GN - 5448996

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 20, Pitch: 5.08 mm, Connection method: Screw connection, Color: pastel green, Contact surface: Tin



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



### Key commercial data

|                        |          |
|------------------------|----------|
| Packing unit           | 1 pc     |
| Minimum order quantity | 100 pc   |
| Custom tariff number   | 85366990 |
| Country of origin      | China    |

### Technical data

#### Dimensions

|             |          |
|-------------|----------|
| Pitch       | 5.08 mm  |
| Dimension a | 96.52 mm |

#### General

|                             |   |
|-----------------------------|---|
| Range of articles           | BCP-F   |
| 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/2)       | 320 V   |
| Rated voltage (II/2)        | 630 V   |
| Nominal current $I_N$       | 12 A  |
| Nominal cross section       | 2.5 mm <sup>2</sup>                                     |
| Maximum load current        | 12 A (with 2.5 mm <sup>2</sup> conductor cross section) |
| Insulating material         | PA  |

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## Technical data

### General

|   |        |
|---|--------|
| Inflammability class according to UL 94 | V0     |
| Stripping length                        | 7 mm   |
| Number of positions                     | 20     |
| Screw thread                            | M3     |
| Tightening torque, min                  | 0.4 Nm |
| Tightening torque max                   | 0.5 Nm |

## 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 | 27449203 |
| eCl@ss 8.0 | 27449203 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002638 |
| ETIM 5.0 | EC002638 |

### 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     |
| mm <sup>2</sup> /AWG/kcmil     | 30-12 | 30-12 |
| Nominal current I <sub>N</sub> | 15 A  | 15 A  |
| Nominal voltage U <sub>N</sub> | 300 V | 150 V |

|                                |       |       |
|--------------------------------|-------|-------|
| cUL Recognized                 |       |       |
|                                | B     | D     |
| mm <sup>2</sup> /AWG/kcmil     | 30-12 | 30-12 |
| Nominal current I <sub>N</sub> | 15 A  | 15 A  |
| Nominal voltage U <sub>N</sub> | 300 V | 150 V |

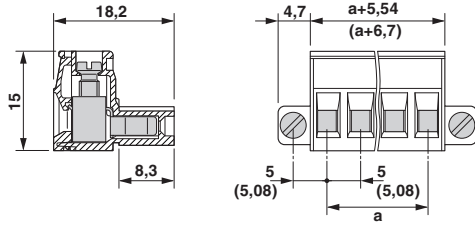
|   |         |
|---|---------|
| VDE Gutachten mit Fertigungsüberwachung |         |
|   |         |
| mm <sup>2</sup> /AWG/kcmil              | 0.2-2.5 |
| Nominal current I <sub>N</sub>          | 10 A    |
| Nominal voltage U <sub>N</sub>          | 320 V   |

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

## Drawings

# Printed-circuit board connector - BCP-508F-20 GN - 5448996

Dimensioned drawing



Diagram

