

# Printed-circuit board connector - BCP-508F-10 GY - 5436034

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: signal grey, Contact surface: Tin



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)	18.11 g
Custom tariff number	85366990
Country of origin	China

## Technical data

### Dimensions

Pitch	5.08 mm
Dimension a	45.72 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>

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## Technical data

### General

Maximum load current	12 A (with a 2.5 mm <sup>2</sup> conductor cross section)
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	7 mm
Number of positions	10
Screw thread	M3
Tightening torque, min	0.4 Nm
Tightening torque max	0.5 Nm

### Connection data

Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	12

### Standards and Regulations

Connection in acc. with standard	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	27440309
eCl@ss 9.0	27440309

### 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

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## Classifications

### UNSPSC

UNSPSC 13.2	39121432
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## Approvals

### Approvals


#### Approvals


UL Recognized / cUL Recognized / VDE Gutachten mit Fertigungsüberwachung / IEC60335 CB Scheme / cULus Recognized


#### 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 		
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# Printed-circuit board connector - BCP-508F-10 GY - 5436034

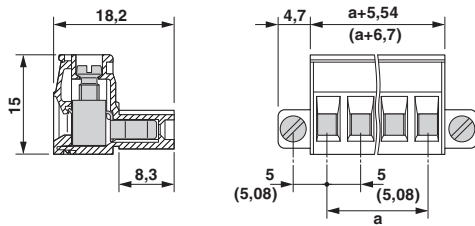
## Approvals

IECEE CB Scheme

cULus Recognized

## Drawings

Dimensional drawing



Diagram

