

## Printed-circuit board connector - BCP-500- 4 GN - 5441184

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 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
Weight per Piece (excluding packing)	7.0 GRM
Custom tariff number	85366990
Country of origin	China

### Technical data

#### Dimensions

Pitch	5 mm
Dimension a	15 mm

#### General

Range of articles	BCP
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
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	12 A

# Printed-circuit board connector - BCP-500- 4 GN - 5441184

## Technical data

### General

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
Inflammability class according to UL 94	V0
Stripping length	7 mm
Number of positions	4
Screw thread	M3
Tightening torque, min	0.4 Nm
Tightening torque max	0.5 Nm

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
2 conductors with same cross section, solid min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, solid max.	1 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm <sup>2</sup>

## Classifications

### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701

# Printed-circuit board connector - BCP-500- 4 GN - 5441184

## Classifications

### eCl@ss

eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260705
eCl@ss 7.0	27440309
eCl@ss 8.0	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
UNSPSC 13.2	39121432

## Approvals

### Approvals

---

#### Approvals

UL Recognized / cUL Recognized / cULus Recognized

---


#### Ex Approvals

---

#### Approvals submitted

---

### Approval details

UL Recognized 		
	B	D
mm <sup>2</sup> /AWG/kcmil	30-12	30-12

# Printed-circuit board connector - BCP-500- 4 GN - 5441184

## Approvals

	B	D
Nominal current I <sub>N</sub>	15 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V

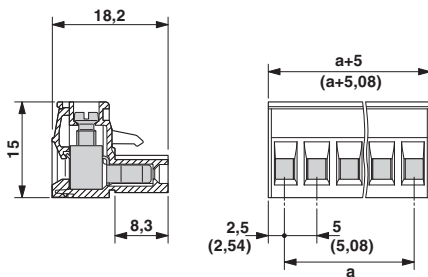
cUL Recognized

	B	D
mm <sup>2</sup> /AWG/kcmil	30-12	30-12
Nominal current I <sub>N</sub>	15 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V

cULus Recognized

## Drawings

Dimensioned drawing



Diagram

