

# Printed-circuit board connector - BCVP-508R-18 GY - 5438333

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, Pitch: 5.08 mm, Connection method: Screw connection, 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
Custom tariff number	85366990
Country of origin	Germany

#### Technical data

#### **Dimensions**

Pitch	5.08 mm
Dimension a	86.36 mm

#### General

Range of articles	BCVP-R
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
Nominal current I <sub>N</sub>	12 A
Nominal cross section	2.5 mm²
Maximum load current	12 A (with 2.5 mm² conductor cross section)



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## Technical data

#### General

Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	7 mm
Number of positions	18
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

#### Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	2.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	1 mm²
2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	1.5 mm²
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 mm²
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 mm²

## Classifications

## eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701



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## Classifications

## eCl@ss

eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401

#### **ETIM**

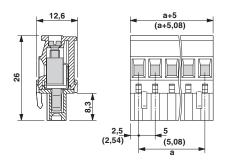
ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002637

## **UNSPSC**

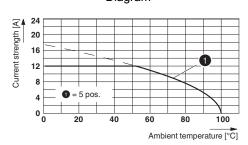
UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121409
UNSPSC 13.2	39121432

## Drawings

## Dimensioned drawing



## Diagram



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