

Printed-circuit board connector - BCP-508F-20 GY - 5436131

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: 20, 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
Weight per Piece (excluding packing)	35.17 GRM
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 ²
Maximum load current	12 A (with 2.5 mm ² conductor cross section)

Printed-circuit board connector - BCP-508F-20 GY - 5436131

Technical data

General

Insulating material	PA
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

Connection data

Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	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
eCl@ss 8.0	27440401

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

Printed-circuit board connector - BCP-508F-20 GY - 5436131

Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 		
	B	D
mm²/AWG/kcmil	30-12	30-12
Nominal current I _N	15 A	12 A
Nominal voltage U _N	300 V	150 V

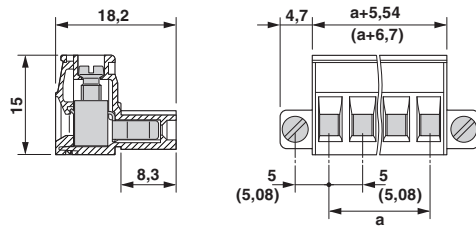
cUL Recognized 		
	B	D
mm²/AWG/kcmil	30-12	30-12
Nominal current I _N	15 A	12 A
Nominal voltage U _N	300 V	150 V

cULus Recognized 		
--	--	--

Drawings

Printed-circuit board connector - BCP-508F-20 GY - 5436131

Dimensioned drawing



Diagram

