

**INDUSTRIAL COMPONENT DATA**

# BCP-500-20 GN BD:1-20Q 1105831 PHOENIX CONTACT

## Connector for printed circuit board, number of poles: 20, pit..

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCP-500-20 GN BD:1-20Q



|                 |                        |
|-----------------|------------------------|
| Manufacturer    | PHOENIX CONTACT        |
| MPN / Reference | BCP-500-20 GN BD:1-20Q |
| Catalog number  | 1105831                |
| Category        | Cable connector        |
| Minimum order   | 2000 Pcs               |
| Document ID     | EO-2DCDA4DD81          |
| Generated       | 2026-08-05             |

### Product Overview

Connector for printed circuit board, number of poles: 20, pitch: 5 mm, color: whitish green  
Connector for printed circuit board, nominal cross-section: 2.5 mm<sup>2</sup>, color: off-white green, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Female, number of rows: 1, number of poles: 20, article family: BCP, pitch: 5 mm, connection type: Screw connection with traction capsule, screw clamping method: L Longitudinal slot, connection direction conductor/printed circuit board: 0 °, clamping hook: - Clamping hook, plug-in system: BASICLINE 2.5, locking: without, fixing type: without, packaging type: boxed

**STRUCTURED PRODUCT DATA**

### Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

### Classification & Catalog Path

Catalog path **PHOENIX CONTACT > PCB Connectors (PCC)**

### Additional Product Information

ETIM for 1105831 Connectors (EC002638)  
Feature Name  
Feature Value  
Type of connection (EF000064)  
Other  
Contact type (EF001587)  
Bus  
Number of plug-in contact rows (EF006935)  
1  
Modular spacing contacts (EF007326)

5 mm  
Modular spacing connections (EF006827)  
5 mm  
Angle contact/conductor connection (EF007546)  
Other  
Rated current  $I_n$  (EF008250)  
12 A  
Rated voltage (EF000228)  
320 V  
Rated surge voltage (EF002993)  
4 kV  
Over voltage category (EF006785)  
III  
Pollution degree (EF006786)  
2  
Connectable conductor cross section fine-strand without cable end sleeve (EF007341)  
0.2 mm<sup>2</sup>  
Connectable conductor cross section fine-strand with cable end sleeve (EF007339)  
0.25 mm<sup>2</sup>  
Connectable conductor cross section solid-core (EF007337)  
0.2 mm<sup>2</sup>  
Type of electric connection (EF003961)  
Screw connection  
Connectable cable type (EF006816)  
Tubular cable  
Material of contact surface (EF004020)  
Tin  
Material contact (EF007544)  
Copper  
Material insulation body (EF007543)  
Polyamide (PA)  
Housing material (EF001596)  
Other  
Housing colour (EF000136)  
Other  
Inflammability class of insulation material according to UL94 (EF002521)  
V0  
Operating temperature (EF002393)  
-40 °C

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCP-500-20 GN BD:1-20Q with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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