

**INDUSTRIAL COMPONENT DATA**

# BCP-500F-11 GY 5435624 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCP-500F-11 GY



|                 |                 |
|-----------------|-----------------|
| Manufacturer    | PHOENIX CONTACT |
| MPN / Reference | BCP-500F-11 GY  |
| Catalog number  | 5435624         |
| Category        | Cable connector |
| Minimum order   | 100 Pcs         |
| Document ID     | EO-0EF4926F27   |
| Generated       | 2026-08-05      |

## Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 2.5 mm<sup>2</sup>, color: gray signals, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Female, number of potentials: 11, number of rows: 1, number of poles: 11, number of connections: 11, article family: BCP-F, pitch: 5 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, conductor connection direction/printed circuit board: 0 °, clamping hook: - without clamping hook, plug-in system: BASICLINE 2.5, locking: Screw locking, fixing type: Air clamping (screw), 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

Key Commercial Data

Orderkey 5435624

Packing unit 100 pc

Minimum order quantity 100 pc

Note Made to Order (non-returnable)

GTIN 4046356494212

Weight per Piece (excluding packing) 18.100 g

Custom tariff number 85366990

Country of origin CN (China)

**Dimensions**

Length [ l ] 18.2 mm

Width [ w ] 64.94 mm

Height [ h ] 15 mm

Pitch 5 mm

Dimension a 50 mm

**General**

Range of articles BCP-F

Number of positions 11

Connection method Screw connection with tension sleeve

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 ANominal cross section 2.5 mm<sup>2</sup>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

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 flexible min. 0.2 mm<sup>2</sup>Conductor cross section flexible max. 2.5 mm<sup>2</sup>Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm<sup>2</sup>Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm<sup>2</sup>Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm<sup>2</sup>Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm<sup>2</sup>

Conductor cross section AWG...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / BCP-500F-11 GY 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**

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