

**INDUSTRIAL COMPONENT DATA**

# BCP-508- 6 GY 5435763 PHOENIX CONTACT Printed-circuit board connector BCP-508- 6 GY 5435763

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCP-508-6 GY



|                 |                 |
|-----------------|-----------------|
| Manufacturer    | PHOENIX CONTACT |
| MPN / Reference | BCP-508-6 GY    |
| Catalog number  | 5435763         |
| Category        | Cable connector |
| Minimum order   | 100 Pcs         |
| Document ID     | EO-CF798DC546   |
| Generated       | 2026-08-04      |

## Product Overview

Printed-circuit board connector - BCP-508- 6 GY - 5435763

Connector for printed circuit board, nominal section: 2.5 mm<sup>2</sup>, color: signal gray, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Female, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, article family: BCP, pitch: 5.08 mm, connection type: Screw connection with traction capsule, screw clamping method: H1L Philipps-Recess with longitudinal groove, conductor connection direction/printed circuit board: 0 °, clamping hook: - Clamping hook, plug-in system: BASICLINE 2.5, locking: without, fixing type: without, packaging type: packed in box

**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

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: signal grey, contact surface: Tin

Key Commercial Data

Orderkey 5435763

Packing unit 100 pc

Minimum order quantity 100 pc

GTIN 4046356172165

Weight per Piece (excluding packing) 10.000 g

Custom tariff number 85366990

Country of origin CN (China)

Dimensions

Length [ l ] 18.2 mm

Width [ w ] 30.48 mm

Height [ h ] 15 mm

Pitch 5.08 mm

Dimension a 25.4 mm

General

Range of articles BCP

Number of positions 6

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/2) 320 V

Rated voltage (II/2) 630 V

Connection in acc. with standard EN-VDE

Nominal current IN 12 A

Nominal 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

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 sect...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCP-508-6 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

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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.