INDUSTRIAL COMPONENT DATA

# BCP-508-11 GY 5435815 PHOENIX CONTACT Printed-circuit board connector

**Brand: PHOENIX CONTACT | Manufacturer Part Number: BCP-508-11 GY**



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| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | BCP-508-11 GY |
| Catalog number | 5435815 |
| Category | Cable connector |
| Minimum order | 100 Pcs |
| Document ID | EO-D1FB1C5721 |
| Generated | 2026-11-19 |

## Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal section: 2.5 mm², color: signal gray, 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, 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
Conductive plate connector, nominal cross-section: 2.5 mm2, colour: safety grey, nominal current: 12 A, reference voltage (III/2): 320 V, contact area: Sn, contact type: Female connector, number of potentials: 11, number of rows: 1, number of poles: 11, number of connections: 11, article range: BCP, pitch: 5.08 mm, connection type: Screwed connection with ring, screw driving surface: H1L Philipps-Recess with longitudinal slot, conductor/PCB plugging direction: 0°, locking clip: - Locking clip, plug-in system: BASICLINE 2.5, locking: without, fastening type: without, packaging type: packed in a carton

STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification & Catalog Path

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| 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: 11, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: signal grey, contact surface: Tin
Key Commercial Data
Orderkey 5435815

Packing unit 100 pc
Minimum order quantity 100 pc
Note Made to Order (non-returnable)
GTIN 4046356172219
Weight per Piece (excluding packing) 18.000 g
Custom tariff number 85366990
Country of origin CN (China)
Dimensions
Length [ l ] 18.2 mm
Width [ w ] 55.88 mm
Height [ h ] 15 mm
Pitch 5.08 mm
Dimension a 50.8 mm
General
Range of articles BCP
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/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 mm²
Maximum load current 12 A (with a 2.5 mm² 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 mm²
Conductor cross section solid max. 2.5 mm²
Conductor cross section flexible min. 0.2 mm²
Conductor cross section flexible max. 2.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²
Conductor cross section flexible, with ferrule without plastic sl...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCP-508-11 GY with the required quantity to info@electricaonline.com or use 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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