

## INDUSTRIAL COMPONENT DATA

# BCP-381-10 GY 5435006 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCP-381-10 GY



|                 |                 |
|-----------------|-----------------|
| Manufacturer    | PHOENIX CONTACT |
| MPN / Reference | BCP-381-10 GY   |
| Catalog number  | 5435006         |
| Category        | Cable connector |
| Minimum order   | 100 Pcs         |
| Document ID     | EO-A8A64B4B78   |
| Generated       | 2026-08-06      |

## Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 1.5 mm<sup>2</sup>, color: signal gray, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Female, number of potentials: 10, number of rows: 1, number of poles: 10, number of connections: 10, article family: BCP, pitch: 3.81 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, conductor/printed circuit board connection direction: 0 °, plug-in system: BASICLINE 1.5, lock: 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

Key Commercial Data

Orderkey 5435006

Packing unit 100 pc

Minimum order quantity 100 pc

GTIN 4046356171823

Weight per Piece (excluding packing) 6.000 g

Custom tariff number 85366990

Country of origin CN (China)

Dimensions

Length [ l ] 16.1 mm

Width [ w ] 38.89 mm  
Height [ h ] 11.1 mm  
Pitch 3.81 mm  
Dimension a 34.29 mm  
General  
Range of articles BCP  
Number of positions 10  
Connection method Screw connection with tension sleeve  
Insulating material group I  
Rated surge voltage (III/3) 2.5 kV  
Rated surge voltage (III/2) 2.5 kV  
Rated surge voltage (II/2) 2.5 kV  
Rated voltage (III/3) 160 V  
Rated voltage (III/2) 160 V  
Rated voltage (II/2) 320 V  
Connection in acc. with standard EN-VDE  
Nominal current IN 8 A  
Nominal cross section 1.5 mm<sup>2</sup>  
Maximum load current 8 A (with 1.5 mm<sup>2</sup> conductor cross section)  
Insulating material PA  
Flammability rating according to UL 94 V0  
Internal cylindrical gage A1  
Stripping length 7 mm  
Screw thread M2  
Tightening torque, min 0.22 Nm  
Tightening torque max 0.25 Nm  
Connection data  
Conductor cross section solid min. 0.2 mm<sup>2</sup>  
Conductor cross section solid max. 1.5 mm<sup>2</sup>  
Conductor cross section flexible min. 0.2 mm<sup>2</sup>  
Conductor cross section flexible max. 1.5 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. 1.5 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...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCP-381-10 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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