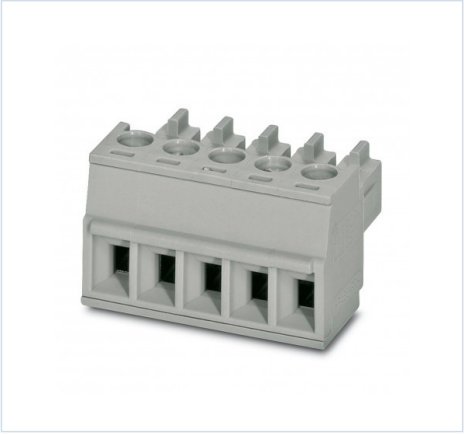
INDUSTRIAL COMPONENT DATA

BCP-381- 5 GY 5434955 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCP-381-5 GY



Manufacturer	PHOENIX CONTACT
MPN / Reference	BCP-381-5 GY
Catalog number	5434955
Category	Cable connector
Minimum order	100 Pcs
Document ID	EO-7DBD0350C1
Generated	2026-11-19

Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal section: 1.5 mm², color: gray signals, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Female, number of potentials: 5, number of rows: 1, number of poles: 5, number of connections: 5, 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
PCB connector, nominal cross section: 1.5 mm2, color: signal grey, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Sn, contact connection type: Socket, number of potentials: 5, number of rows: 1, number of positions: 5, number of connections: 5, product range: BCP, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, plug-in system: BASICLINE 1,5, locking: without, mounting: without, type of packaging: packed in cardboard

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

Technical dataProduct propertiesProduct type PCB connector
Product family BCP
Product line COMBICON Connectors S
Type Standard
Number of positions 5

Pitch 3.81 mm
Number of connections 5
Number of rows 1
Number of potentials 5
Mounting flange without
Data management status
Article revision 01
Electrical propertiesNominal current IN 8 A
Nominal voltage UN 160 V
Contact resistance 2 m?
Rated voltage (III/3) 160 V
Rated surge voltage (III/3) 2.5 kV
Rated voltage (III/2) 160 V
Rated surge voltage (III/2) 2.5 kV
Rated voltage (II/2) 320 V
Rated surge voltage (II/2) 2.5 kV
Connection dataConnection technology
Type Standard
Connector system BASICLINE 1,5
Nominal cross section 1.5 mm²
Contact connection type Socket
Interlock
Locking type without
Mounting flange without
Conductor connection
Connection method Screw connection with tension sleeve
Conductor/PCB connection direction 0 °
Conductor cross section rigid 0.2 mm² ... 1.5 mm²
Conductor cross section flexible 0.2 mm² ... 1.5 mm²
Conductor cross section AWG 24 ... 16
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 1.5 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 0.5 mm²
2 conductors with same cross section, solid 0.2 mm² ... 0.5 mm²
2 conductors with same cross section, flexible 0.2 mm² ... 0.75 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve 0.25 mm² ... 0.34 mm²
2 conductors with the same cross section, flexible,....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCP-381-5 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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