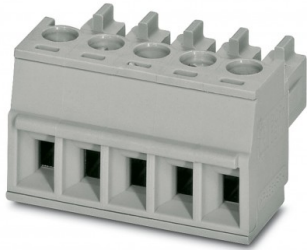


INDUSTRIAL COMPONENT DATA

BCP-381- 6 GY BD:16-21 5430222 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCP-381-6 GY BD:16-21



Manufacturer	PHOENIX CONTACT
MPN / Reference	BCP-381-6 GY BD:16-21
Catalog number	5430222
Category	Cable connector
Minimum order	100 Pcs
Document ID	EO-923417277F
Generated	2026-08-04

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: 6, number of rows: 1, number of poles: 6, number of connections: 6, article family: BCP, pitch: 3.81 mm, connection type: Screw connection with traction capsule, connection direction conductor/printed circuit board: 0 °, plug-in system: BASICLINE 1.5, lock: without, fixing type: without, packaging type: boxed

PCB connector, nominal cross-section: 1.5 mm², colour: signal grey, rated current: 8 A, dimensioning voltage (III/2): 160 V, contact surface: Sn, contact connection type: Female, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, product series: BCP, pitch: 3.81 mm, connection type: Screw connection with cage, screw attachment form: L Longitudinal slot, conductor/board connection direction: 0 °, plug system: BASICLINE 1.5, clamping: none, fastening type: none, packaging type: packed in carton

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 5430222

Packing unit 100 pc

Minimum order quantity 100 pc

Note Made to Order (non-returnable)

GTIN 4055626299891

Weight per Piece (excluding packing) 4.000 g

Custom tariff number 85366990

Country of origin CN (China)

Dimensions

Height [h] 11.1 mm

Pitch 3.81 mm

Dimension a 19.05 mm

General

Range of articles BCP

Number of positions 6

Connection method Screw connection with tension sleeve

Insulating material group I

Rated voltage (III/2) 160 V

Nominal current IN 8 A

Nominal cross section 1.5 mm²

Flammability rating according to UL 94 V0

Screw thread M2

Standards and Regulations

Flammability rating according to UL 94 V0

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

China RoHS Environmentally Friendly Use Period = 50

For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss 7.027440309eCl@ss 8.027440309eCl@ss 9.027440309

ETIM 5.0EC002638ETIM 6.0EC002638

ETIM for 5430222 Connectors (EC002638)

Feature Name

Feature Value

Type of connection (EF000064)

Other

Contact type (EF001587)

Bus

Number of poles (EF001391)

6

Number of plug-in contact rows (EF006935)

1

Modular spacing contacts (EF007326)

3.81 mm

Modular spacing connections (EF006827)

3.81 mm

Angle contact/conductor connection (EF007546)

Other

Rated current In (EF008250)

8 A

Rated voltage (EF000228)

160 V

Rated surge voltage (EF002993)

2.5 kV

Over voltage category (EF006785)

III

Pollution...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCP-381-6 GY BD:16-21 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

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.