

INDUSTRIAL COMPONENT DATA

BCP-500- 7 GN BDWH:10-C1 5430324 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCP-500-7 GN BDWH:10-C1



Manufacturer	PHOENIX CONTACT
MPN / Reference	BCP-500-7 GN BDWH:10-C1
Catalog number	5430324
Category	Cable connector
Minimum order	100 Pcs
Document ID	EO-8B5456DEDD
Generated	2026-08-05

Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 2.5 mm², colour: whitish green, rated current: 12 A, sizing voltage (III/2): 320 V, surface contacts: Tin, contact type: Connecting female, Number of potentials: 7, Number of rows: 1, Number of poles per row: 7, number of connections: 7, item family: BCP, step: 5 mm, connection type: Screw connection with traction capsule, connection direction conductor/printed circuit board: 0 °, Stecksystem: BASICLINE 2.5, Locking: without, type of packaging: boxed packaging

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 5430324

Packing unit 100 pc

Minimum order quantity 100 pc

Note Made to Order (non-returnable)

GTIN 4055626343419

Weight per Piece (excluding packing) 11.400 g

Custom tariff number 85366990

Country of origin CN (China)

Dimensions

Pitch 5 mm

Dimension a 30 mm

General

Range of articles BCP

Number of positions 7

Connection method Screw connection with tension sleeve

Insulating material group I

Rated voltage (III/2) 320 V

Nominal current IN 12 A

Nominal cross section 2.5 mm²

Flammability rating according to UL 94 V0

Screw thread M3

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 5430324 Connectors (EC002638)

Feature Name

Feature Value

Type of connection (EF000064)

Other

Contact type (EF001587)

Bus

Number of poles (EF001391)

7

Number of plug-in contact rows (EF006935)

1

Modular spacing contacts (EF007326)

5 mm

Modular spacing connections (EF006827)

5 mm

Angle contact/conductor connection (EF007546)

Other

Rated current In (EF008250)

12 A

Rated voltage (EF000228)

320 V

Rated surge voltage (EF002993)

4 kV

Over voltage category (EF006785)

III

Pollution degree (EF006786)

2

Connectable...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCP-500-7 GN BDWH:10-C1 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.