INDUSTRIAL COMPONENT DATA

BCP-508-11 BK 5452242 PHOENIX CONTACT Part plug,nominal Current: 12 A,rated Voltage (III/2): 320 V,N. º pole..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	BCP-508-11 BK
Catalog number	5452242
Category	Cable connector
Minimum order	100 Pcs
Document ID	EO-7EBAAA193D
Generated	2026-11-19

Product Overview

Part plug,nominal Current: 12 A,rated Voltage (III/2): 320 V,N. º poles: 11,Pitch: 5,08 mm,the Technique of connection: Connection by screw with capsule-traction,Color: black,contact Surface: Tin
Connector for printed circuit board, nominal section: 2.5 mm², color: black, 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 form: H1L Philipps-Recess with longitudinal groove, connection direction conductor/printed circuit board: 0 °, clamping hook: - Clamping hook, plug-in system: BASICLINE 2.5, locking: 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

Trade data
Order Code Five million four hundred fifty two thousand two hundred forty two
Packaging unit 100 pcs
Minimum order quantity 100 pcs
Note Manufacturing to the order (no recovery)
GTIN Four trillion forty six billion three hundred fifty six million eight hundred fifty three thousand three hundred ninety two

Weight per piece (excluding packing) 0,018 KGM
Number of the customs tariff Eighty five million three hundred sixty six thousand nine hundred ninety
Country of origin CN (China)
Dimensions
Length [l] 18,2 mm
Width [w] 55,88 mm
Height [h] 15 mm
Not 5.08 mm
Rated 50.8 mm
General
Family articles BCP
Number of poles Eleven
Type of connection Screw with ring
Group of insulation I
Impulse voltage assigned (III/3) 4 kV
Impulse voltage assigned (III/2) 4 kV
Impulse voltage assigned to (II/2) 4 kV
Rated voltage (III/2) 320 V
Rated voltage (II/2) 630 V
Connection according to standard EN-VDE
Rated current IN Twelve
Nominal Section 2.5 mm2
Maximum charge current 12 A (for wire cross-section 2.5 mm2)
Insulating material PA
Flammability class according to UL 94 V0
Length stripping tool 7 mm
Tightening torque min. 0.4 Nm
Tightening torque max. 0.5 Nm
Characteristics of connection
Wire cross-Section, rigid min. 0,2 mm2
Wire cross-Section rigid max. 2.5 mm2
Wire cross-Section flexible min. 0,2 mm2
Wire cross-Section flexible max. 2.5 mm2
Wire cross-Section flexible with wire-end sleeve without inlet cone insulation max. 0.25 mm2
2.5 mm2
Wire cross-Section flexible with fer...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCP-508-11 BK 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.