INDUSTRIAL COMPONENT DATA

BCP-508-20 BK 5452251 PHOENIX CONTACT Part plug,nominal Current: 12 A,rated Voltage (III/2): 320 V,N. º pole..

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCP-508-20 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	BCP-508-20 BK
Catalog number	5452251
Category	Cable connector
Minimum order	100 Pcs
Document ID	EO-C08DF55095
Generated	2026-11-19

Product Overview

Part plug,nominal Current: 12 A,rated Voltage (III/2): 320 V,N. º poles: 20,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: 20, number of rows: 1, number of poles: 20, number of connections: 20, 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

Data commercial
Key order Five million four hundred fifty two thousand two hundred fifty one
Packing unit 100 pcs
Key selling AAYBAA -
Minimum order quantity 100 pcs
EAN Four trillion forty six billion three hundred fifty six million eight hundred fifty three thousand three hundred nine

Unit weight (excluding packaging) 33,512 g
Tariff number 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] 101.6 mm
Height [h] 15 mm
Step 5,08 mm
Average 96,52 mm
Overview
Family of articles BCP
Number of poles Twenty
Type of connection Connection by screw with capsule-traction
Group insulating material I
Transient voltage design (III/3) 4 kV
Transient voltage design (III/2) 4 kV
Transient voltage design (II/2) 4 kV
Tension and sizing (III/2) 320 V
Tension and sizing (II/2) 630 V
Connection according to standard EN-VDE
Nominal current IN 12 To
Nominal cross section 2.5 mm2
Maximum load current 12 (with a section of conductor 2.5 mm2)
Isolation PA
Class of flammability according to UL 94 V0
Length desaislar 7 mm
Tightening torque min. 0.4 Nm
Tightening torque max. 0.5 Nm
Data connection
Core cross-section rigid min. 0,2 mm2
Section of conductor rigid max. 2.5 mm2
Section of flexible conductor, min. 0,2 mm2
Section of flexible conductor max. 2.5 mm2
Section of flexible conductor with toe cap, without plastic sleeve min. 0.25 mm2
Section of flexible conductor with toe cap, without plastic sle...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCP-508-20 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.