INDUSTRIAL COMPONENT DATA

BCVP-508R-10 GN 5451048 PHOENIX CONTACT Part plug,nominal Current: 12 A,rated Voltage (III/2): 320 V,N. º po..

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCVP-508R-10 GN



Manufacturer	PHOENIX CONTACT
MPN / Reference	BCVP-508R-10 GN
Catalog number	5451048
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-68140C69F3
Generated	2026-11-19

Product Overview

Part plug,nominal Current: 12 A,rated Voltage (III/2): 320 V,N. º poles: 10,Pitch: 5,08 mm,the Technique of connection: Connection by screw with capsule-traction,Color: whitish green,contact Surface: Tin

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

Commercial data
Order key 5451048
Packaging unit 50 pcs
Sell key AAYBAA -
Minimum Order Quantity 50 pcs
Ean 4046356840620
Weight per unit (excluding packaging) 20,500 g
Tariff rate number 85366990
Country of origin DE (Germany)
Dimensions
Step 5.08 mm
Medium to 45.72 mm
General
Article Family BCVP-R

Number of poles 10
Connection type Screw connection with traction capsule
Insulating material group I
Dimensioning transient voltage (III/3) 4 kV
Dimensioning Transient Voltage (III/2) 4 kV
Dimensioning transient voltage (II/2) 4 kV
Sizing voltage (III/3) 250 V
Dimensioning voltage (III/2) 320 V
Sizing voltage (II/2) 630 V
Nominal Current IN 12 A
Nominal Section 2.5 mm²
Maximum Charging Current 12 A (with a conductor cross-section of 2.5 mm²)
Isolation PA
Combustibility class according to UL 94 V0
Length to be de-insulated 7 mm
Screw thread M3
Min. tightening torque. 0.5 Nm
Max. tightening torque. 0.6 Nm
Connection data
Rigid conductor section min. 0.2 mm²
Max. rigid conductor section 2.5 mm²
Flexible conductor section min. 0.2 mm²
Max. flexible conductor section 2.5 mm²
Flexible conductor section with toe cap, without min plastic sleeve. 0.25 mm²
Flexible conductor section with toe cap, without plastic sleeve max. 2.5 mm²
Flexible conductor section with tip, with min plastic sleeve. 0.25 mm²
Flexible conductor section with ferrule, with plastic sleeve max. 2.5 mm²
Conductor section AWG min. 24
Conductor section AWG max. 12
2 conductors with the same cross-section, rigid min. 0.2...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCVP-508R-10 GN 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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