INDUSTRIAL COMPONENT DATA

# BCP-508F- 7 BK 5452573 PHOENIX CONTACT Part plug,nominal Current: 12 A,rated Voltage (III/2): 320 V,N. º pol..

**Brand: PHOENIX CONTACT | Manufacturer Part Number: BCP-508F-7 BK**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | BCP-508F-7 BK |
| Catalog number | 5452573 |
| Category | Cable connector |
| Minimum order | 100 Pcs |
| Document ID | EO-9EBA011662 |
| Generated | 2026-11-19 |

## Product Overview

Part plug,nominal Current: 12 A,rated Voltage (III/2): 320 V,N. º poles: 7,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: 7, number of rows: 1, number of poles: 7, number of connections: 7, article family: BCP-F, pitch: 5.08 mm, connection type: Screw connection with traction capsule, screw clamping form: H1L Philipps-Recess with longitudinal groove, conductor connection direction/printed circuit board: 0 °, clamping hook: - without clamping hook, plug-in system: BASICLINE 2.5, locking: Screw locking, fixing type: Air clamping (screw), packaging type: boxed

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > PCB Connectors (PCC) |

## Additional Product Information

Trade data
Order Code Five million four hundred fifty two thousand five hundred seventy three
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 thousand eighty seven
Weight per piece (excluding packing) 0,013 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 ] 45,58 mm
Height [ h ] 15 mm
Not 5.08 mm
Rated 30,48 mm
General
Family articles BCP-F
Number of poles Seven
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
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
Thread screws M3
Tightening torque min. 0.4 Nm
Tightening torque max. 0.5 Nm
Standards and specifications
Connection according to standard ASS
Flammability class according to UL 94 V0
Environmental Product Compliance
REACh SVHC Lead 7439-92-1
China RoHS Period of intended use (EFUP) : 50 years
The manufacturer's declaration in the tab "Downloads" contains detailed information on hazardous substances.
Classifications
eCl@ss 4.0272607x...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCP-508F-7 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

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