INDUSTRIAL COMPONENT DATA

# BCH-508V-10 BK 5452420 PHOENIX CONTACT Housing base,nominal Current: 12 A,rated Voltage (III/2): 320 V,N. º ..

**Brand: PHOENIX CONTACT | Manufacturer Part Number: BCH-508V-10 BK**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | BCH-508V-10 BK |
| Catalog number | 5452420 |
| Category | Printed circuit board connector |
| Minimum order | 100 Pcs |
| Document ID | EO-A7F8FD9A7C |
| Generated | 2026-11-18 |

## Product Overview

Housing base,nominal Current: 12 A,rated Voltage (III/2): 320 V,N. º poles: 10,Pitch: 5,08 mm,Color: black,contact Surface: Tin,Assembly: wave Soldering
Printed circuit board base housing, nominal section: 2.5 mm², color: black, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact connection type: Male, number of potentials: 10, number of rows: 1, number of poles: 10, number of connections: 10, article family: BCH-V, pitch: 5.08 mm, mounting: Wave soldering, Pin arrangement: Linear pin arrangement, pin length [P]: 3.9 mm, number of solder pins per potential: 1, plug-in system: BASICLINE 2.5, Plug-in face orientation: Standard, lock: 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

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

## Additional Product Information

Data commercial
Key order Five million four hundred fifty two thousand four hundred twenty
Packing unit 100 pcs
Key selling AAYBHA -
Minimum order quantity 100 pcs
EAN Four trillion forty six billion three hundred fifty six million eight hundred fifty one thousand six hundred nineteen
Unit weight (excluding packaging) 3,770 g
Tariff number tariff Eighty five million three hundred sixty six thousand nine hundred ninety
Country of origin CN (China)

Dimensions
Length [ l ] 8.6 mm
Width 50.8 mm
Step 5,08 mm
Average 45,72 mm
Width [ w ] 50.8 mm
Height [ h ] 15.9 mm
Height of construction 12 mm
Length of the pin welding 3.9 mm
Dimensions of pin 1 x 1 mm
Length 8.6 mm
Overview
Family of articles BCH-V
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/3) 250 V
Tension and sizing (III/2) 320 V
Tension and sizing (II/2) 400 V
Connection according to standard EN-VDE
Nominal current IN 12 To
Maximum load current 12 To
Isolation PA
Class of flammability according to UL 94 V0
Color black
Number of poles Ten
Standards and specifications
Connection according to standard EN-VDE
CUL
Class of flammability according to UL 94 V0
Environmental Product Compliance
China RoHS Space of time for the intended use: unlimited = FEUP-e
No dangerous substances above the thresholds
Ratings
eCl@ss 4.0272607xxeCl@ss 4.1Twenty seven million two hundred sixty thousand seven hundred oneeCl@ss 5.0Twe...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCH-508V-10 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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