INDUSTRIAL COMPONENT DATA

# BCH-500VS- 2 BK VPE500 5441634 PHOENIX CONTACT Feed-through header

**Brand: PHOENIX CONTACT | Manufacturer Part Number: BCH-500VS-2 BK VPE500**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | BCH-500VS-2 BK VPE500 |
| Catalog number | 5441634 |
| Category | Printed circuit board connector |
| Minimum order | 500 Pcs |
| Document ID | EO-E29AE627AF |
| Generated | 2026-11-18 |

## Product Overview

Feed-through header
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 type: Male, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, article family: BCH-VS, pitch: 5 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
PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 2, pitch: 5 mm, color: black, contact surface: Tin, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.9 mm

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

Key Commercial Data
Orderkey 5441634
Packing unit 1 pc
Minimum order quantity 500 pc
GTIN 4046356994057
Weight per Piece (excluding packing) 0.880 g
Custom tariff number 85366930
Country of origin CN (China)

Dimensions
Standards and Regulations
Classifications
General
Environmental Product Compliance
Dimensions
Length [ l ] 8.6 mm
Width 12 mm
Pitch 5 mm
Dimension a 5 mm
Width [ w ] 12 mm
Height [ h ] 15.9 mm
Height 12 mm
Length of the solder pin 3.9 mm
Pin dimensions 1 x 1 mm
Length 8.6 mm
Back to topGeneral
Range of articles BCH-VS
Rated voltage (III/3) 250 V
Connection in acc. with standard EN-VDE
Nominal current IN 12 A
Color black
Number of positions 2
Back to topStandards and Regulations
Connection in acc. with standard EN-VDE
Back to topEnvironmental Product Compliance
China RoHS Environmentally friendly use period: unlimited = EFUP-e
No hazardous substances above threshold values
Back to topClassifications
eCl@ss
eCl@ss 4.0 27260700
eCl@ss 4.1 27260700
eCl@ss 5.0 27260700
eCl@ss 5.1 27260700
eCl@ss 6.0 27260700
eCl@ss 7.0 27440402
eCl@ss 8.0 27440402
eCl@ss 9.0 27440402
Back to topETIM
ETIM 4.0 EC002643
ETIM 5.0 EC002637
ETIM 6.0 EC002637
ETIM 7.0 EC002637
Back to topUNSPSC
UNSPSC 13.2 39121409
UNSPSC 18.0 39121409
UNSPSC 19.0 39121409

UNSPSC 20.0 39121409
UNSPSC 21.0 39121409
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## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCH-500VS-2 BK VPE500 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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