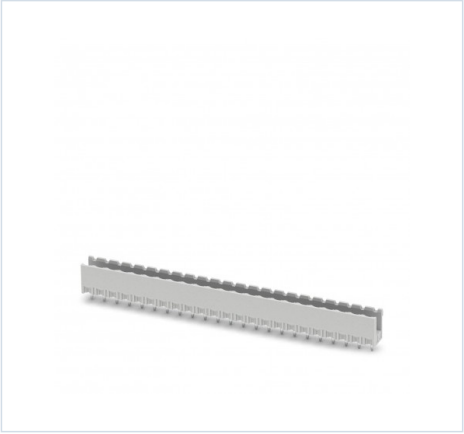
INDUSTRIAL COMPONENT DATA

BCH-508V-23 GY 5434104 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCH-508V-23 GY



Manufacturer	PHOENIX CONTACT
MPN / Reference	BCH-508V-23 GY
Catalog number	5434104
Category	Printed circuit board connector
Minimum order	100 Pcs
Document ID	EO-1DB516BA1B
Generated	2026-11-19

Product Overview

Printed-circuit board connector
Printed circuit board base housing, nominal section: 2.5 mm², color: signal gray, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact connection type: Male, number of potentials: 23, number of rows: 1, number of poles: 23, number of connections: 23, article family: BCH-V, pitch: 5.08 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.4 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 base, nominal cross-section: 2.5 mm2, colour: safety grey, nominal current: 12 A, reference voltage (III/2): 320 V, contact area: Sn, contact type: Male, number of potentials: 23, number of rows: 1, number of poles: 23, number of connections: 23, article range: BCH-V, pitch: 5.08 mm, mounting: Wave soldering, Spindle plan: Linear pinout, spindle length [P]: 3.9 mm, number of pins per potential: 1, Plug-in system: BASICLINE 2.5, Orientation of the plug-in pattern: Standard, Locking: without, Fastening type: without, Packaging type: Packed in a carton

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

PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 23, pitch: 5.08 mm, color: signal grey, contact surface: Tin, mounting: Wave soldering
Key Commercial Data
Orderkey 5434104
Packing unit 100 pc

Minimum order quantity 100 pc
Note Made to Order (non-returnable)
GTIN 4046356171304
Weight per Piece (excluding packing) 8.430 g
Custom tariff number 85366930
Country of origin CN (China)
Dimensions
Length [l] 8.6 mm
Width 116.84 mm
Pitch 5.08 mm
Dimension a 111.76 mm
Width [w] 116.84 mm
Height [h] 15.4 mm
Height 12 mm
Length of the solder pin 3.4 mm
Pin dimensions 1 x 1 mm
Length 8.6 mm
General
Range of articles BCH-V
Insulating material group I
Rated surge voltage (III/3) 4 kV
Rated surge voltage (III/2) 4 kV
Rated surge voltage (II/2) 4 kV
Rated voltage (III/3) 250 V
Rated voltage (III/2) 320 V
Rated voltage (II/2) 400 V
Connection in acc. with standard EN-VDE
Nominal current IN 12 A
Maximum load current 12 A
Insulating material PA
Flammability rating according to UL 94 V0
Color signal grey
Number of positions 23
Standards and Regulations
Connection in acc. with standard EN-VDE
CUL
Flammability rating according to UL 94 V0
Environmental Product Compliance
China RoHS Environmentally friendly use period: unlimited = EFUP-e
No hazardous substances above threshold values
Classifications
eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss 7.027440402eCl@ss 8.027440402eCl@ss 9.027440402
ETIM 3.0EC001...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCH-508V-23 GY with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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