

INDUSTRIAL COMPONENT DATA

BCH-500HF-6 GN 5445290 PHOENIX CONTACT Housing base,nominal Current: 12 A,rated Voltage (III/2): 320 V,N. ° ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCH-500HF-6 GN



Manufacturer	PHOENIX CONTACT
MPN / Reference	BCH-500HF-6 GN
Catalog number	5445290
Category	Printed circuit board connector
Minimum order	100 Pcs
Document ID	EO-0A4BE2280A
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Product Overview

Housing base,nominal Current: 12 A,rated Voltage (III/2): 320 V,N. ° poles: 6,Pitch: 5 mm,Color: whitish green,contact Surface: Tin,Assembly: wave Soldering

Printed circuit board base housing, nominal section: 2.5 mm², color: whitish green, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Male, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, article family: BCH-HF, pitch: 5 mm, mounting: Wave soldering, Pin arrangement: Linear pin arrangement, pin length [P]: 3.5 mm, number of solder pins per potential: 1, plug-in system: BASICLINE 2.5, Plug-in face orientation: Standard, lock: Screw lock, fixing type: Air clamping (thread), packaging type: boxed

PCB headers, nominal cross section: 2.5 mm², color: pastel green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Pin, number of potentials: 6, number of rows: 1, number of positions: 6, number of connections: 6, product range: BCH-HF, pitch: 5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.23 mm, number of solder pins per potential: 1, plug-in system: BASICLINE 2,5, Pin connector pattern alignment: Standard, locking: Screw locking mechanism, mounting: Threaded flange, type of packaging: packed in cardboard

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)
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Additional Product Information

Technical dataProduct propertiesProduct type PCB headers

Product family BCH-HF

Product line COMBICON Connectors M

Type Standard

Number of positions 6

Pitch 5 mm

Number of connections 6

Number of rows 1

Number of potentials 6

Mounting flange Threaded flange

Pin layout Linear pinning

Solder pins per potential 1

Data management status

Article revision 01

Electrical propertiesNominal current IN 12 A

Nominal voltage UN 320 V

Rated voltage (III/3) 250 V

Rated surge voltage (III/3) 4 kV

Rated voltage (III/2) 320 V

Rated surge voltage (III/2) 4 kV

Rated voltage (II/2) 400 V

Rated surge voltage (II/2) 4 kV

MountingMounting type Wave soldering

Pin layout Linear pinning

Flange

Tightening torque 0.3 Nm

Material specificationsMaterial data - contact

Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu alloy

Surface characteristics Tin-plated

Metal surface contact area (top layer) Tin (4 - 8 μm Sn)

Metal surface contact area (middle layer) Nickel (1.5 - 4 μm Ni)

Metal surface soldering area (top layer) Tin (4 - 8 μm Sn)

Metal surface soldering area (middle layer) Nickel (1.5 - 4 μm Ni)

Material data - housing

Color (Housing) pastel green (6019)

Insulating material PA

Insulating material group I

CTI according to IEC 60112 600

Flammability rating according to UL 94 V0

Glow wire flammability index GWFI according to EN 60695-2-12 850

Glow wire ignition temperature GWIT according to EN 60695-2-13 775

Temperature for the ball pressure test ac...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCH-500HF-6 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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