INDUSTRIAL COMPONENT DATA

BCH-500HF- 9 GN 5445326 PHOENIX CONTACT Housing base,nominal Current: 12 A,rated Voltage (III/2): 320 V,N. º..

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCH-500HF-9 GN



Manufacturer	PHOENIX CONTACT
MPN / Reference	BCH-500HF-9 GN
Catalog number	5445326
Category	Printed circuit board connector
Minimum order	100 Pcs
Document ID	EO-9E80D442AC
Generated	2026-11-19

Product Overview

Housing base,nominal Current: 12 A,rated Voltage (III/2): 320 V,N. º poles: 9,Pitch: 5 mm,Color: whitish green,contact Surface: Tin,Assembly: wave Soldering
Printed circuit board base case, 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: 9, number of rows: 1, number of poles: 9, number of connections: 9, 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 base strip, nominal cross-section: 2.5 mm2, color: white-green, rated current: 12 A, rated voltage (III/2): 320 V, contact surface: Sn, contact type: pin, number of potentials: 9, number of rows: 1, number of poles: 9, number of connectors: 9, article family: BCH-HF, pitch: 5 mm, mounting: wave soldering, pin layout: linear pinning, pin length [P]: 3.23 mm, number of solder pins per potential: 1, connector system: BASICLINE 2.5, mating face orientation: Standard, Locking: Screw locking, Fastening type: Threaded flange, Packing type: packed in 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

Technical dataItem propertiesProduct Type PCB Floor Strip
Product family BCH-HF
Product Line COMBICON Connectors M
Design Standard

Number of poles 9
Grid dimension 5 mm
Number of ports 9
Number of rows 1
Number of potentials 9
Mounting Flange Threaded flange
Pin layout Linear Pinning
Number of solder pins per potential 1
Data maintenance status
Article revision 01
Electrical propertiesNominal current IN 12 A
Rated 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
AssemblyMounting type Wave Soldering
Pin layout Linear Pinning
Flange
Tightening torque 0.3 Nm
Material specificationsMaterial information - Contact
Note WEEE/RoHS compliant, whisker-free according to IEC 60068-2-82/JEDEC JESD 201
Material Contact Cu alloy
Surface finish Electroplated
Metal Surface Contact Area (Top Layer) Tin (4 - 8 um Sn)
Metal Surface Contact Area (Interlayer) Nickel (1.5 - 4 um Ni)
Metal Surface Soldering Area (Top Layer) Tin (4 - 8 um Sn)
Metal Surface Soldering Area (Interlayer) Nickel (1.5 - 4 um Ni)
Material specifications - Housing
Color (Housing) White-green (6019)
Insulating material PA
Insulating material group I
CTI according to IEC 60112 600
Flammability class 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 of the ball press...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCH-500HF-9 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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