INDUSTRIAL COMPONENT DATA

BCH-500H-18 GN 5445180 PHOENIX CONTACT Housing base,nominal Current: 12 A,rated Voltage (III/2): 320 V,N. º ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCH-500H-18 GN

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	BCH-500H-18 GN
Catalog number	5445180
Category	Printed circuit board connector
Minimum order	1 Pcs
Document ID	EO-0FDFFBEB82
Generated	2026-11-19

Product Overview

BCH-500H-18 GN 5445180 PHOENIX CONTACT Housing base,nominal Current: 12 A,rated Voltage (III/2): 320 V,N. º ..

STRUCTURED PRODUCT DATA

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Connector model (EF007495)	**Fixed connector**
Contact type (EF001587)	**Pin**
Number of poles (EF001391)	**18**
Number of plug-in contact rows (EF006935)	**1**
Modular spacing contacts (EF007326)	**5 mm**
Modular spacing connections (EF006827)	**5 mm**
Rated current In (EF008250)	**12 A**
Rated voltage (EF000228)	**320 V**
Rated surge voltage (EF002993)	**4 kV**
Over voltage category (EF006785)	**III**
Pollution degree (EF006786)	**2**
Material of contact surface (EF004020)	**Tin**
Type of electric connection (EF003961)	**Other**
Diameter connection pin (EF006823)	**1.4 mm**
Length pin (EF006825)	**3.23 mm**

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Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Material insulation body (EF007543)	**Other**
Housing colour (EF000136)	**Other**
Inflammability class of insulation material according to UL94 (EF002521)	**V0**
Operating temperature (EF002393)	**-40 °C**
Type of fastening (EF002442)	**Other**
Type of banding (EF007011)	**Carton (for SMD)**

Classification & Catalog Path

Catalog path	**PHOENIX CONTACT > PCB Connectors (PCC)**

Additional Product Information

Housing base,nominal Current: 12 A,rated Voltage (III/2): 320 V,N. º poles: 18,Pitch: 5 mm,Color: whitish green,contact Surface: Tin,Assembly: wave Soldering

Printed circuit board base housing, nominal section: 2.5 mm², color: off-white green, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact connection type: Male, number of potentials: 18, number of rows: 1, number of poles: 18, number of connections: 18, article family: BCH-H, 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: without, fixing type: without, packaging type: boxed

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCH-500H-18 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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