

INDUSTRIAL COMPONENT DATA

BCH-381HF-20 BK 5452350 PHOENIX CONTACT Housing base,nominal Current: 8 A,rated Voltage (III/2): 160 V,N. ° ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCH-381HF-20 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	BCH-381HF-20 BK
Catalog number	5452350
Category	Printed circuit board connector
Minimum order	100 Pcs
Document ID	EO-1938A3CEA3
Generated	2026-08-04

Product Overview

Housing base,nominal Current: 8 A,rated Voltage (III/2): 160 V,N. ° poles: 20,Pitch: 3,81 mm,Color: black,contact Surface: Tin,Assembly: wave Soldering

Printed circuit board base housing, nominal section: 1.5 mm², color: black, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of potentials: 20, number of rows: 1, number of poles: 20, number of connections: 20, family of articles: BCH-HF, pitch: 3.81 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 1.5, Plug-in face orientation: Standard, lock: Screw lock, fastening type: Overhead clamping (thread), packaging type: boxed

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

Data commercial

Key order Five million four hundred fifty two thousand three hundred fifty

Packing unit 100 pcs

Key selling AAYBFA -

Minimum order quantity 100 pcs

EAN Four trillion forty six billion three hundred fifty six million eight hundred fifty two thousand three hundred nineteen

Unit weight (excluding packaging) 5,829 g

Tariff number tariff Eighty five million three hundred sixty six thousand nine hundred ninety

Country of origin CN (China)

Dimensions

Length [l] 9,2 mm

Width 86,59 mm

Step 3,81 mm

Average 72,39 mm

Width [w] 86,59 mm

Height [h] 10,55 mm

Height of construction From 7.15 mm

Length of the pin welding 3.4 mm

Dimensions of pin 0.8 x 0.8 mm

Length 9,2 mm

Overview

Family of articles BCH-HF

Group insulating material I

Transient voltage design (III/3) 2.5 kV

Transient voltage design (III/2) 2.5 kV

Transient voltage design (II/2) 2.5 kV

Tension and sizing (III/3) 160 V

Tension and sizing (III/2) 160 V

Tension and sizing (II/2) 320 V

Connection according to standard EN-VDE

Nominal current IN 8 To

Isolation PA

Class of flammability according to UL 94 V0

Color black

Number of poles Twenty

Standards and specifications

Connection according to standard EN-VDE

CUL

Class of flammability according to UL 94 V0

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

China RoHS Space of time for the intended use (FEUP): 50 years

You will find information about hazardous substances in the manufacturer's declaration in the "Downloads" tab

Ratings

eCl@ss 4.0272607xxeCl...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCH-381HF-20 BK 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.