INDUSTRIAL COMPONENT DATA

# BCH-381HF- 4 GY 5431398 PHOENIX CONTACT Printed-circuit board connector BCH-381HF- 4 GY 5431398

**Brand: PHOENIX CONTACT | Manufacturer Part Number: BCH-381HF-4 GY**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | BCH-381HF-4 GY |
| Catalog number | 5431398 |
| Category | Printed circuit board connector |
| Minimum order | 1 Pcs |
| Document ID | EO-0C29A6D34B |
| Generated | 2026-11-19 |

## Product Overview

BCH-381HF- 4 GY 5431398 PHOENIX CONTACT Printed-circuit board connector BCH-381HF- 4 GY 5431398

STRUCTURED PRODUCT DATA

## Technical Specifications

| TECHNICAL ATTRIBUTE | VALUE |
|---|---|
| Connector model (EF007495) | **Fixed connector** |
| Contact type (EF001587) | **Pin** |
| Number of poles (EF001391) | **4** |
| Number of plug-in contact rows (EF006935) | **1** |
| Modular spacing contacts (EF007326) | **3.81 mm** |
| Modular spacing connections (EF006827) | **3.81 mm** |
| Rated current In (EF008250) | **8 A** |
| Rated voltage (EF000228) | **160 V** |
| Rated surge voltage (EF002993) | **2.5 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) | **1.2 mm** |
| Length pin (EF006825) | **3.4 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

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

## Additional Product Information

Printed-circuit board connector - BCH-381HF- 4 GY - 5431398
Printed circuit board base housing, nominal section: 1.5 mm², color: signal gray, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of potentials: 4, number of rows: 1, number of poles: 4, number of connections: 4, article family: 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

### REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCH-381HF-4 GY 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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