

INDUSTRIAL COMPONENT DATA

PC 6-16/ 3-G1-10,16 BK CP1,3 1712498 PHOENIX CONTACT

Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 6-16/ 3-G1-10,16 BK CP1,3



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 6-16/ 3-G1-10,16 BK CP1,3
Catalog number	1712498
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-65BD106BB1
Generated	2026-08-05

Product Overview

Feed-through header

Printed circuit board base housing, nominal section: 16 mm², color: black, nominal current: 76 A (41 A in combination with PC 6 connector), dimensioning voltage (III/2): 1000 V, contact surface: silver, contact type: Male, Number of potentials: 3, Number of rows: 1, Number of poles per row: 3, number of connections: 3, family of articles: PC 6-16/.. -G1, pitch: 10.16 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 4 mm, Stecksystem: POWER COMBICON 16, Locking: without, 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

Key Commercial Data

Orderkey 1712498

Packing unit 1

GTIN 4055626288710

Custom tariff number 85366930

Dimensions

Length [l] 34 mm

Pitch 10.16 mm

Dimension a 20.32 mm

Height [h] 13.4 mm

Height 17.4 mm

Length of the solder pin 4 mm

Pin dimensions 1 x 1.2 mm

Pin spacing 10.16 mm

Length 34 mm

General

Range of articles PC 6-16/...-G1

Insulating material group I

Rated voltage (III/2) 1000 V

Nominal current IN 76 A (41 A in combination with PC 6 plug)

Flammability rating according to UL 94 V0

Color black

Number of positions 3

Standards and Regulations

Flammability rating according to UL 94 V0

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss 7.027440402eCl@ss 8.027440402eCl@ss 9.027440402

ETIM 5.0EC002637ETIM 6.0EC002637

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 6-16/ 3-G1-10,16 BK CP1,3 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.