

INDUSTRIAL COMPONENT DATA

PC 6-16/ 4-G1-10,16 GY31 2CP 1711841 PHOENIX CONTACT

Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 6-16/ 4-G1-10,16 GY31 2CP



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 6-16/ 4-G1-10,16 GY31 2CP
Catalog number	1711841
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-80CBB40593
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Product Overview

Feed-through header

Printed circuit board base housing, nominal section: 16 mm², color: bluish gray, nominal current: 76 A (41 A in combination with PC 6 connector), nominal voltage (III/2): 1000 V, contact surface: silver, contact type: Male, number of potentials: 4, number of rows: 1, number of poles: 4, number of connections: 4, family of articles: PC 6-16/.. -G1, pitch: 10.16 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 4 mm, number of solder pins per potential: 3, plug-in system: COMBICON PC 16, Plug-in face orientation: Standard, lock: without, fixing type: 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)
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Additional Product Information

Key Commercial Data

Orderkey 1711841

Packing unit 1

GTIN 4055626280066

Custom tariff number 85366930

Dimensions

Length [L] 34 mm

Width 43.68 mm

Pitch 10.16 mm

Dimension a 30.48 mm

Width [w] 43.68 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 blue grey

Number of positions 4

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 4.027141109eCl@ss 4.127141109eCl@ss 5.027141190eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss

7.027440402eCl@ss 8.027440402eCl@ss 9.027440402

ETIM 3.0EC001121ETIM 4.0EC002643ETIM 5.0EC002637ETIM 6.0EC002637

UNSPSC 13.239121409

ETIM for 1711841 Connectors (EC002637)

Feature Name

Feature 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)

10.16 mm

Modular spacing connections (EF006827)

10.16 mm

Rated current In (EF008250)

76 A

Rated voltage (EF000228)

1000 V

Rated surge voltage (EF002993)

8 kV

Over voltage category (EF006785)

III

Pollution degree (EF006786)

2....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 6-16/ 4-G1-10,16 GY31 2CP 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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