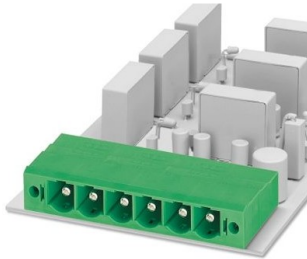


INDUSTRIAL COMPONENT DATA

PC 6-16/ 4-GF-10,16 BK 1710333 PHOENIX CONTACT

Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 6-16/ 4-GF-10,16 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 6-16/ 4-GF-10,16 BK
Catalog number	1710333
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-FA30AEF706
Generated	2026-08-05

Product Overview

Feed-through header

Printed circuit board base housing, nominal section: 6 mm², color: black, 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/.. -GF, 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, locking: Screw lock, fixing type: Air clamping (thread), packaging type: boxed packaging, The nominal current of 76 A is valid in combination with connectors from the PC 16 family. In combination with PC 6 connectors, 41 A (50 A according to UL) is achieved.

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 1710333

Packing unit 1

GTIN 4055626148984

Custom tariff number 85366930

Dimensions

Length [L] 32 mm

Width 58.4 mm

Pitch 10.16 mm

Dimension a 30.48 mm

Width [w] 58.4 mm

Height [h] 17.71 mm

Height 13.71 mm

Length of the solder pin 4 mm

Length 32 mm

General

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

Rated voltage (III/2) 1000 V

Nominal current IN 41 A

Color black

Number of positions 4

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

UNSPSC 13.239121409

ETIM for 1710333 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

Material of contact surface (EF004020)

Silver

Type of electric connection (EF003961)

Other

Diameter connection pin (EF006823)

1.7 mm

Length pin (EF006825)

4 mm

Material insulation body (EF007543)

Other

Housing colour (EF000136)

Black

Inflammability class of insulation material according to UL94 (EF002521)

V0

Op...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 6-16/ 4-GF-10,16 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

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