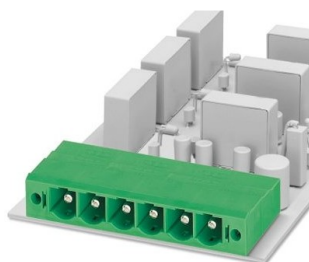


INDUSTRIAL COMPONENT DATA

PC 6-16/ 7-GF-10,16 1913769 PHOENIX CONTACT

Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 6-16/ 7-GF-10,16



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 6-16/ 7-GF-10,16
Catalog number	1913769
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-874086A3A5
Generated	2026-08-05

Product Overview

Feed-through header

Printed circuit board base housing, nominal section: 6 mm², color: green, 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: 7, number of rows: 1, number of poles: 7, number of connections: 7, 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 1913769

Packing unit 50 pc

Note Made to Order (non-returnable)

Catalog page Page 195 (CC-2002)

GTIN 4017918179243

Weight per Piece (excluding packing) 29.470 g

Custom tariff number 85366930

Country of origin PL (Poland)

Dimensions

Length [l] 32 mm

Width 88.88 mm

Pitch 10.16 mm

Dimension a 60.96 mm

Width [w] 88.88 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 surge voltage (III/3) 6 kV

Rated surge voltage (III/2) 8 kV

Rated surge voltage (II/2) 8 kV

Rated voltage (III/2) 1000 V

Rated voltage (II/2) 1000 V

Nominal current IN 41 A

Color green

Number of positions 7

Standards and Regulations

Connection in acc. with standard CUL

Environmental Product Compliance

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

No hazardous substances above threshold values

Classifications

eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss

7.027440402eCl@ss 8.027440402eCl@ss 9.027440402

ETIM 3.0EC001121ETIM 4.0EC002637ETIM 5.0EC002637ETIM 6.0EC002637

UNSPSC 6.0130211810UNSPSC 7.090139121409UNSPSC 1139121409UNSPSC 12.0139121409UNSPSC

13.239121409

ETIM for 1913769 Connectors (EC002637)

Feature Name

Feature Value

Connector model (EF007495)

Fixed connector

Contact type (EF001587)

Pin

Number of poles (EF001391)

7

Number of plug-in contact rows (EF006935)

1

Modular spacing contacts (EF007326)

10.16 mm

Modular spacing connection...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 6-16/ 7-GF-10,16 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.