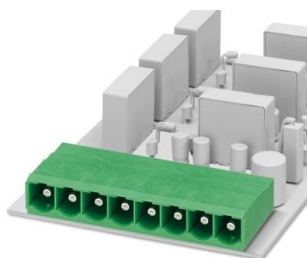


INDUSTRIAL COMPONENT DATA

PC 6-16/ 6-G-10,16 1913688 PHOENIX CONTACT Feed-through header

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 6-16/ 6-G-10,16
Catalog number	1913688
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-6570293231
Generated	2026-08-04

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: 6, number of rows: 1, number of poles: 6, number of connections: 6, family of articles: PC 6-16/.. -G, pitch: 10.16 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 5 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: box-packed, The rated 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 1913688

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 194 (CC-2002)

GTIN 4017918179168

Weight per Piece (excluding packing) 23.540 g

Custom tariff number 85366930

Country of origin PL (Poland)

Dimensions

Length [l] 32 mm

Width 64 mm

Pitch 10.16 mm

Dimension a 50.8 mm

Width [w] 64 mm

Height [h] 18.7 mm

Height 13.7 mm

Length of the solder pin 5 mm

Pin dimensions 1 x 1.2 mm

Pin spacing 10.16 mm

Length 32 mm

General

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

Insulating material group I

Rated surge voltage (III/3) 8 kV

Rated surge voltage (III/2) 8 kV

Rated surge voltage (II/2) 6 kV

Rated voltage (III/3) 630 V

Rated voltage (III/2) 1000 V

Rated voltage (II/2) 1000 V

Connection in acc. with standard EN-VDE

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

Maximum load current 76 A

Color green

Number of positions 6

Standards and Regulations

Connection in acc. with standard EN-VDE

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 1913688 Connectors (EC002637)

Feature Name

Feature Value

Connector model (EF...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 6-16/ 6-G-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.