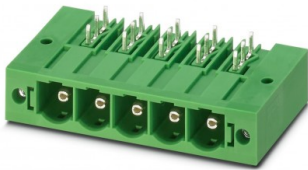


INDUSTRIAL COMPONENT DATA

PC 6-16/ 8-G1FU-10,16 1996375 PHOENIX CONTACT

Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 6-16/ 8-G1FU-10,16



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 6-16/ 8-G1FU-10,16
Catalog number	1996375
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-EDE812101C
Generated	2026-07-31

Product Overview

Feed-through header

Printed circuit board base housing, nominal section: 16 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: 8, number of rows: 1, number of poles: 8, number of connections: 8, article family: PC 6-16/.. -G1FU, 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: inverted, locking: Screw lock, fixing type: Air clamping (thread), packaging type: boxed

PCB header, nominal cross-section: 16 mm², colour: green, nominal current: 76 A (41 A combined with PC 6 connector), reference voltage (III/2): 1000 V, contact area: Ag, contact type: Male, number of potentials: 8, number of rows: 1, number of poles: 8, number of connections: 8, item range: PC 6-16/.. -G1FU, pitch: 10.16 mm, mounting: Wave welding, spindle plane: Linear broaching, spindle length [P]: 4 mm, number of pins per potential: 3, Plug-in system: COMBICON PC 16, Orientation of the plug-in pattern: Flipped, Locking: Screw locking, Fastening type: Threaded flange, Packaging type: packed in a carton

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 1996375

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

Catalog page Page 567 (C-1-2013)

GTIN 4046356038119

Weight per Piece (excluding packing) 35.980 g

Custom tariff number 85366930

Country of origin PL (Poland)

Dimensions

Length [l] 34 mm

Width 99.04 mm

Pitch 10.16 mm

Dimension a 71.12 mm

Width [w] 99.04 mm

Height [h] 17.4 mm

Height 13.4 mm

Length of the solder pin 4 mm

Pin dimensions 0.8 x 1.2 mm

Pin spacing 1.16 mm

Length 34 mm

General

Range of articles PC 6-16/...-G1FU

Insulating material group I

Rated surge voltage (III/3) 6 kV

Rated surge voltage (III/2) 8 kV

Rated surge voltage (II/2) 8 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 IN 76 A (41 A in combination with PC 6 plug)

Insulating material PA

Flammability rating according to UL 94 V0

Color green

Number of positions 8

Standards and Regulations

Connection in acc. with standard EN-VDE

CUL

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 4.0272607xxeCl@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 113912...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 6-16/ 8-G1FU-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

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