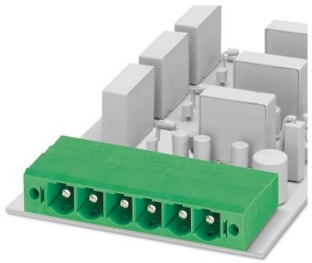
INDUSTRIAL COMPONENT DATA

PC 6-16/ 2-GF-10,16 1913714 PHOENIX CONTACT Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 6-16/ 2-GF-10,16



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 6-16/ 2-GF-10,16
Catalog number	1913714
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-02D794C068
Generated	2026-11-18

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: 2, number of rows: 1, number of poles: 2, number of connections: 2, article family: 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 1913714
Packing unit 50 pc
Minimum order quantity 50 pc
Catalog page Page 195 (CC-2002)
GTIN 4017918179199
Weight per Piece (excluding packing) 11.920 g
Custom tariff number 85366930

Country of origin PL (Poland)
Item properties
Brief article description Feed-through header
Plug-in system POWER COMBICON 16
Type of contact Male connector
Range of articles PC 6-16/..-GF
Pitch 10.16 mm
Number of positions 2
Mounting type Wave soldering
Pin layout Linear pinning
Locking Threaded flange
Number of levels 1
Electrical parameters
Rated current 76 A (41 A in combination with PC 6 plug)
Rated insulation voltage (III/2) 1000 V
Rated surge voltage (III/2) 8 kV
Material data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu alloy
Surface characteristics Electroplated silver
Material data - housing
Insulating material PA
Insulating material group I
CTI according to IEC 60112 600
Flammability rating according to UL 94 V0
Glow wire flammability index GWFI according to EN 60695-2-12 850
Glow wire ignition temperature GWIT according to EN 60695-2-13 775
Temperature for the ball pressure test according to EN 60695-10-2 125 °C
Dimensions for the product
Dimensional drawing
Length [l] 32 mm
Width [w] 38.08 mm
Height [h] 17.71 mm
Pitch 10.16 mm
Height (without solder pin) 13.71 mm
Solder pin [P] 4 mm
Pin spacing 10.16 mm
Dimension a 10.16 mm
Dimensions for PCB design
Hole diameter 1.7 mm
Pin spaci...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 6-16/ 2-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

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