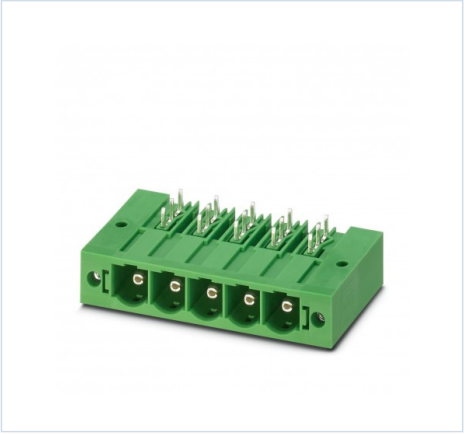
INDUSTRIAL COMPONENT DATA

PC 6-16/ 2-G1FU-10,16 1996317 PHOENIX CONTACT Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 6-16/ 2-G1FU-10,16



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 6-16/ 2-G1FU-10,16
Catalog number	1996317
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-AAB553F213
Generated	2026-11-19

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: 2, number of rows: 1, number of poles: 2, number of connections: 2, family of articles: 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 socket, nominal cross-section: 16 mm2, colour: green, rated current: 76 A (41 A in combination with PC 6 connector), dimensioning voltage (III/2): 1000 V, contact surface: Ag, contact connection type: plug, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, product series: PC 6-16/.. -G1FU, pitch: 10.16 mm, mounting: Wave soldering, pin layout: Linear pinning, pin length [P]: 4 mm, number of solder pins per potential: 3, plug system: COMBICON PC 16, Insertion pin orientation: Upside down, locking: Screw locking, fixing type: Threaded flange, packaging type: packed in 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)

Additional Product Information

Key Commercial Data
Orderkey 1996317
Packing unit 50 pc

Minimum order quantity 50 pc
Note Made to Order (non-returnable)
Catalog page Page 567 (C-1-2013)
GTIN 4046356038058
Weight per Piece (excluding packing) 13.220 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/..-G1FU
Pitch 10.16 mm
Number of positions 2
Mounting type Wave soldering
Pin layout Linear pinning
Locking Threaded flange
Number of levels 1
Number of connections 2
Number of potentials 2
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
Metal surface contact area (top layer) Silver (4 - 8 µm Ag)
Metal surface contact area (middle layer) Nickel (2 - 4 µm Ni),
Metal surface soldering area (top layer) Silver (4 - 8 µm Ag)
Metal surface soldering area (middle layer) Nickel (2 - 4 µm Ni)
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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 6-16/ 2-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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