

INDUSTRIAL COMPONENT DATA

PC 6-16/ 2-G1F-10,16 1999000 PHOENIX CONTACT

Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 6-16/ 2-G1F-10,16



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 6-16/ 2-G1F-10,16
Catalog number	1999000
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-4695808F68
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: 2, number of rows: 1, number of poles: 2, number of connections: 2, family of articles: PC 6-16/.. -G1F, 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

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/.. -G1F, 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: Standard, 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 1999000

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 567 (C-1-2013)

GTIN 4046356038508

Weight per Piece (excluding packing) 13.640 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/...-G1F

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 the ball pressure test according to....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 6-16/ 2-G1F-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.