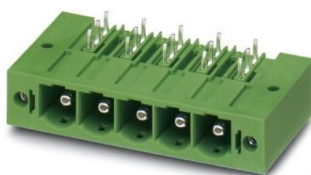


INDUSTRIAL COMPONENT DATA

PC 6-16/ 5-G1FU-10,16 BK 1709130 PHOENIX CONTACT

Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 6-16/ 5-G1FU-10,16 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 6-16/ 5-G1FU-10,16 BK
Catalog number	1709130
Category	Printed circuit board connector
Minimum order	1 Pcs
Document ID	EO-472A7B28BA
Generated	2026-08-04

Product Overview

PC 6-16/ 5-G1FU-10,16 BK 1709130 PHOENIX CONTACT Feed-through header

STRUCTURED PRODUCT DATA

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Connector model (EF007495)	Fixed connector
Contact type (EF001587)	Pin
Number of poles (EF001391)	5
Number of plug-in contact rows (EF006935)	1
Modular spacing contacts (EF007326)	10.16 mm
Modular spacing connections (EF006827)	10.16 mm
Rated current I _n (EF008250)	76 A
Rated voltage (EF000228)	1000 V
Rated surge voltage (EF002993)	8 kV
Over voltage category (EF006785)	III
Pollution degree (EF006786)	2
Material of contact surface (EF004020)	Silver
Type of electric connection (EF003961)	Other
Diameter connection pin (EF006823)	1.7 mm
Length pin (EF006825)	4 mm

CONTINUED

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Material insulation body (EF007543)	Other
Housing colour (EF000136)	Black
Inflammability class of insulation material according to UL94 (EF002521)	V0
Operating temperature (EF002393)	-40 °C
Type of fastening (EF002442)	Other
Type of banding (EF007011)	Carton (for SMD)

Classification & Catalog Path

eCl@ss 7.1	21043711
eCl@ss 8.0	21043711
eCl@ss 9.0	21043711
ETIM 5.0	EC002246
ETIM 6.0	EC002246
ETIM 7.0	EC002246
Catalog path	PHOENIX CONTACT > PCB Connectors (PCC)

Additional Product Information

Feed-through header

Printed circuit board base housing, nominal section: 16 mm², color: black, 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: 5, number of rows: 1, number of poles: 5, number of connections: 5, 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

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 6-16/ 5-G1FU-10,16 BK 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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