INDUSTRIAL COMPONENT DATA

PC 5/ 6-GFU-7,62 BK 1070851 PHOENIX CONTACT PC 5/ 6-GFU-7,62 BK 1070851

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 5/ 6-GFU-7,62 BK

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 5/ 6-GFU-7,62 BK
Catalog number	1070851
Category	Printed circuit board connector
Minimum order	1 Pcs
Document ID	EO-13B18A38CE
Generated	2026-11-19

Product Overview

PC 5/ 6-GFU-7,62 BK 1070851 PHOENIX CONTACT PC 5/ 6-GFU-7,62 BK 1070851

STRUCTURED PRODUCT DATA

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Connector model (EF007495)	**Fixed connector**
Contact type (EF001587)	**Pin**
Number of plug-in contact rows (EF006935)	**1**
Modular spacing contacts (EF007326)	**7.62 mm**
Modular spacing connections (EF006827)	**7.62 mm**
Rated current In (EF008250)	**41 A**
Rated voltage (EF000228)	**630 V**
Rated surge voltage (EF002993)	**6 kV**
Over voltage category (EF006785)	**III**
Pollution degree (EF006786)	**2**
Material of contact surface (EF004020)	**Tin**
Type of electric connection (EF003961)	**Other**
Diameter connection pin (EF006823)	**1.3 mm**
Length pin (EF006825)	**4.2 mm**
Material insulation body (EF007543)	**Other**

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Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
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

Catalog path	**PHOENIX CONTACT > PCB Connectors (PCC)**

Additional Product Information

PC 5/ 6-GFU-7,62 BK - 1070851
Printed circuit board base case, nominal section: 6 mm², color: black, nominal current: 41 A, nominal voltage (III/2): 630 V, contact surface: Tin, contact type: Male, number of rows: 1, number of poles: 6, family of items: PC 5/.. -GFU, pitch: 7.62 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 4.2 mm, number of solder pins per potential: 3, plug-in system: COMBICON PC 5, 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 5/ 6-GFU-7,62 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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