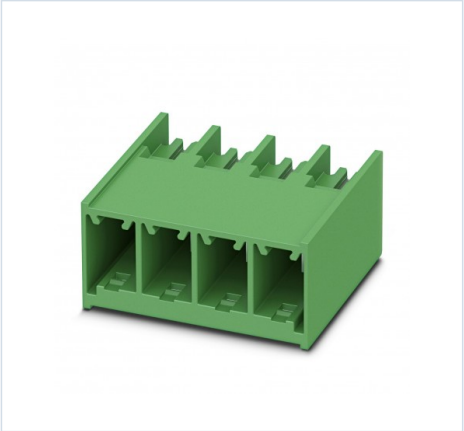
INDUSTRIAL COMPONENT DATA

PC 6/ 2-G-7,62 BK 1097707 PHOENIX CONTACT PCB headers, nominal current: 41 A, rated voltage (III/2): 630 V, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 6/ 2-G-7,62 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 6/ 2-G-7,62 BK
Catalog number	1097707
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-F5FDD2A9DD
Generated	2026-11-18

Product Overview

PCB headers, nominal current: 41 A, rated voltage (III/2): 630 V, nominal cross section: 6 mm², number of positions: 2, pitch: 7.62 mm, color: black, contact surface: Tin, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 2.6 mm
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: 2, family of articles: PC 6/.. -G, pitch: 7.62 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 2.6 mm, number of solder pins per potential: 3, plug-in system: COMBICON PC 6, Plug-in face orientation: Standard, lock: without, fixing type: without, packaging type: boxed

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 1097707
Packing unit 1 pc
Minimum order quantity 50 pc
GTIN 4055626937960
Weight per Piece (excluding packing) 5.600 g
Custom tariff number 85366930
Country of origin CN (China)

Item properties
Material data - contact
Dimensions for the product
Packaging information
Air clearances and creepage distances
Electrical parameters
Material data - housing
Dimensions for PCB design
Ambient conditions
Classifications
Item properties
Brief article description Feed-through header
Plug-in system POWER COMBICON 6
Type of contact Male connector
Range of articles PC 6/..-G
Pitch 7.62 mm
Number of positions 2
Mounting type Wave soldering
Pin layout Linear pinning
Number of levels 1
1
Back to topElectrical parameters
Nom. voltage 630 V
Back to topMaterial data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu alloy
Surface characteristics Tin-plated
Metal surface contact area (top layer) Tin (2 - 4 µm Sn)
Metal surface contact area (middle layer) Nickel (1.3 - 3 µm Ni),
Metal surface soldering area (top layer) Tin (2 - 4 µm Sn)
Metal surface soldering area (middle layer) Nickel (1.3 - 3 µm Ni)
Back to topMaterial data - housing
Insulating material PA GF
Insulating material group I
CTI according to IEC 60112 600
Flammability rating according to UL 94 V0
Back to topDimensions for the product
Length [l] 28.2 mm
Width [w] 15.64 mm
Height [h] 16.1 mm
Pitch 7.62 mm
Height (without solder pin) 13.5....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 6/ 2-G-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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