

INDUSTRIAL COMPONENT DATA

PC 5/ 4-GF-7,62 GY 1585037 PHOENIX CONTACT Printed circuit board base case, nominal section: 6 mm², color: g..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 5/ 4-GF-7,62 GY



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 5/ 4-GF-7,62 GY
Catalog number	1585037
Category	Printed circuit board connector
Minimum order	2000 Pcs
Document ID	EO-84D976CE00
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Product Overview

Printed circuit board base case, nominal section: 6 mm², color: gray, nominal current: 41 A, nominal voltage (III/2): 630 V, contact surface: Sn, contact connection type: Male, number of rows: 1, number of poles: 4, family of articles: PC 5/..-GF, pitch: 7.62 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 5 mm, number of solder pins per potential: 3, plug-in system: COMBICON PC 5, Plug-in face orientation: Standard, locking: Screw lock, fixing type: Air clamping (thread), packaging type: boxed

Printed circuit board base housing

PCB headers, nominal cross section: 6 mm², color: gray, nominal current: 41 A, rated voltage (III/2): 630 V, contact surface: Tin, contact connection type: Pin, number of rows: 1, number of positions: 4, product range: PC 5/..-GF, pitch: 7.62 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 5 mm, number of solder pins per potential: 3, plug-in system: COMBICON PC 5, Pin connector pattern alignment: Standard, locking: Screw locking mechanism, mounting: Threaded flange, type of packaging: packed in cardboard

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)
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Additional Product Information

Technical dataProduct propertiesProduct line COMBICON Connectors L

Product type PCB headers

Product family PC 5/..-GF

Number of positions 4

Pitch 7.62 mm

Number of rows 1
Pin layout Linear pinning
Solder pins per potential 3
Electrical propertiesNominal current I_N 41 A
Nominal voltage U_N 630 V
Degree of pollution 3
Contact resistance 0.4 m Ω
Rated voltage (III/3) 630 V
Rated surge voltage (III/3) 6 kV
Rated voltage (III/2) 630 V
Rated surge voltage (III/2) 6 kV
Rated voltage (II/2) 1000 V
Rated surge voltage (II/2) 6 kV
MountingMounting type Wave soldering
Pin layout Linear pinning
Flange
Tightening torque 0.3 Nm ... 0.7 Nm
Attachment on the PCB
Tightening torque 0.3 Nm
Screw 1705449 DFK-PC 16-SS
Material specificationsMaterial data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu alloy
Surface characteristics hot-dip tin-plated
Metal surface contact area (top layer) Tin (4 - 8 μ m Sn)
Metal surface soldering area (top layer) Tin (4 - 8 μ m Sn)
Material data - housing
Color (Housing) gray (7042)
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 EN 60695-10-2 125 °C
NotesNotes on operation In accordance with IEC 61984, COMBICON connectors have no switching pow...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 5/ 4-GF-7,62 GY 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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