INDUSTRIAL COMPONENT DATA

PC 5/ 3-G-7,62 BK CP1 1459572 PHOENIX CONTACT Printed circuit board base case, nominal section: 6 mm², color..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 5/ 3-G-7,62 BK CP1



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 5/ 3-G-7,62 BK CP1
Catalog number	1459572
Category	Printed circuit board connector
Minimum order	1000 Pcs
Document ID	EO-05FD82C4A7
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Product Overview

Printed circuit board base case, nominal section: 6 mm², color: black, nominal current: 41 A, nominal voltage (III/2): 630 V, contact surface: Sn, contact connection type: Male, number of rows: 1, number of poles: 3, family of items: PC 5/.. -G, 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, lock: without, fixing type: without, packaging type: boxed
PCB base housing, nominal cross-section: 6 mm², colour: black, nominal current: 41 A, nominal voltage (III/2): 630 V, surface contacts: Tin, contact type: Male, number of rows: 1, number of poles: 3, article family: PC 5/.. -G, 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: Without, Attachment Type: Sin, Packing Type: Boxed Packaging
PCB headers, nominal cross section: 6 mm2, color: black, nominal current: 41 A, rated voltage (III/2): 630 V, contact surface: Tin, contact connection type: Pin, number of rows: 1, number of positions: 3, product range: PC 5/..-G, 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 s...

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

Technical dataProduct propertiesProduct line COMBICON Connectors L
Product type PCB headers

Product family PC 5/..-G
Number of positions 3
Pitch 7.62 mm
Number of rows 1
Pin layout Linear pinning
Solder pins per potential 3
Electrical propertiesNominal current IN 41 A
Nominal voltage UN 630 V
Degree of pollution 3
Contact resistance 0.8 m?
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
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 µm Sn)
Metal surface soldering area (top layer) Tin (4 - 8 µm Sn)
Material data - housing
Color (Housing) black (9005)
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 power (COC). During designated use, they must not be plugged in or disconnected when carrying voltage or under load.
Dim...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 5/ 3-G-7,62 BK CP1 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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