INDUSTRIAL COMPONENT DATA

PC 6/ 4-G-7,62 BK 1097713 PHOENIX CONTACT Housing base printed circuit board, nominal current: 41 A, number ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 6/ 4-G-7,62 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 6/ 4-G-7,62 BK
Catalog number	1097713
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-9C2F7CD98A
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Product Overview

Housing base printed circuit board, nominal current: 41 A, number of poles: 4, pitch: 7.62 mm, color: black, surface of contact: Tin, assembly: wave Soldering
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: 4, article family: 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
PCB base strip, Nominal cross-section: 6 mm2, Colour: black, Rated current: 41 A, Rated voltage (III/2): 630 V, Contact surface: Sn, Contact type: Pin, Number of rows: 1, Number of poles: 4, Article family: PC 6/.. -G, Pitch: 7.62 mm, Mounting: Wave Soldering, Pin Layout: Linear Pinning, Pin Length [P]: 2.6 mm, Number of Solder Pins per Potential: 3, Plug-in System: COMBICON PC 6, Mating Face Alignment: Standard, Locking: None, Mounting Type: None, Packaging Type: Packed in a Box

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 dataItem propertiesProduct Type PCB Floor Strip
Product family 6/.. pcs -G
Product Line COMBICON Connectors L
Number of poles 4

Grid dimension 7.62 mm
Number of rows 1
1
Pin layout Linear Pinning
Number of solder pins per potential 3
Data maintenance status
Article revision 00
Electrical propertiesNominal current IN 41 A
Rated voltage UN 630 V
Contact resistance 0.5 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
AssemblyMounting type Wave Soldering
Pin layout Linear Pinning
Material specificationsMaterial information - Contact
Note WEEE/RoHS compliant, whisker-free according to IEC 60068-2-82/JEDEC JESD 201
Material Contact Cu alloy
Surface finish Electroplated
Metal Surface Contact Area (Top Layer) Tin (2 - 4 um Sn)
Metal Surface Contact Area (Interlayer) Nickel (1.3 - 3 um Ni)
Metal Surface Soldering Area (Top Layer) Tin (2 - 4 um Sn)
Metal Surface Soldering Area (Interlayer) Nickel (1.3 - 3 um Ni)
Material specifications - Housing
Color (Housing) black (9005)
Insulating material PA GF
Insulating material group I
CTI according to IEC 60112 600
Flammability class according to UL 94 V0
RemarksNote on operation COMBICON connectors are connectors without switching capacity (COC) in accordance with DIN EN 61984. When used as intended, they must not be plugged in or disconnected in a live or under load.
DimensionsDimensional drawing....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 6/ 4-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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