INDUSTRIAL COMPONENT DATA

PC 16 HC/ 1-G-10,16 BK RC 1464806 PHOENIX CONTACT Printed circuit board base case, nominal section: 16 mm², ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 16 HC/ 1-G-10,16 BK RC

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 16 HC/ 1-G-10,16 BK RC
Catalog number	1464806
Category	Printed circuit board connector
Minimum order	25 Pcs
Document ID	EO-ACF0E13A13
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Product Overview

Printed circuit board base case, nominal section: 16 mm², color: black, nominal current: 76 A, nominal voltage (III/2): 1000 V, contact surface: Sn, contact connection type: Male, number of rows: 1, number of poles: 1, family of articles: PC 16 HC/.. -G, pitch: 10.16 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 4 mm, number of solder pins per potential: 4, plug-in system: COMBICON PC 16 advanced, Plug-in face orientation: Standard, lock: without, fixing type: without, packaging type: boxed

PCB base housing, nominal cross-section: 16 mm², color: black, nominal current: 76 A, nominal voltage (III/2): 1000 V, surface contacts: Tin, contact type: Male, number of rows: 1, number of poles: 1, article family: PC 16 HC/.. -G, pitch: 10.16 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 4 mm, number of solder pins per potential: 4, plug-in system: COMBICON PC 16 advanced, Plug-in Face Orientation: Standard, Lock: Free, Fastening Type: Free, Packing Type: Boxed Packaging

PCB headers, nominal cross section: 16 mm2, color: black, nominal current: 76 A, rated voltage (III/2): 1000 V, contact surface: Tin, contact connection type: Pin, number of rows: 1, number of positions: 1, product range: PC 16 HC/..-G, pitch: 10.16 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 4 mm, number of so...

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 XL
Product type PCB headers
Product family PC 16 HC/..-G

Number of positions 1
Pitch 10.16 mm
Number of rows 1
1
Pin layout Linear pinning
Solder pins per potential 4
Electrical propertiesNominal current IN 76 A
Nominal voltage UN 1000 V
Degree of pollution 3
Contact resistance 0.235 m?
Rated voltage (III/3) 1000 V
Rated surge voltage (III/3) 8 kV
Rated voltage (III/2) 1000 V
Rated surge voltage (III/2) 8 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 Tin-plated
Metal surface contact area (top layer) Tin (4 - 8 µm Sn)
Metal surface contact area (middle layer) Nickel (1.5 - 4 µm Ni)
Metal surface soldering area (top layer) Tin (4 - 8 µm Sn)
Metal surface soldering area (middle layer) Nickel (1.5 - 4 µm Ni)
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 h...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 16 HC/ 1-G-10,16 BK RC 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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