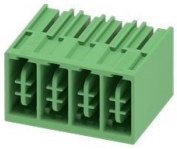
INDUSTRIAL COMPONENT DATA

PC 16 HC/ 4-G-10,16 1716848 PHOENIX CONTACT Printed circuit board base housing, nominal section: 16 mm2, col..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 16 HC/ 4-G-10,16



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 16 HC/ 4-G-10,16
Catalog number	1716848
Category	Printed circuit board connector
Minimum order	25 Pcs
Document ID	EO-3F230D841B
Generated	2026-11-19

Product Overview

Printed circuit board base housing, nominal section: 16 mm2, color: green, nominal current: 76 A, nominal voltage (III/2): 1000 V, contact surface: Sn, contact connection type: Male, number of rows: 1, number of poles: 4, 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, locking: without, clamping type: without, packaging type: boxed

PCB base housing, nominal cross-section: 16 mm², color: green, nominal current: 76 A, nominal voltage (III/2): 1000 V, surface contacts: Tin, contact type: Male, number of rows: 1, number of poles: 4, 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 base socket, nominal cross-section: 16 mm2, colour: green, rated current: 76 A, dimensioning voltage (III/2): 1000 V, contact surface: tin, contact connection type: plug, number of rows: 1, number of poles: 4, product series: PC 16 HC/.. -G, pitch: 10.16 mm, mounting: Wave soldering, pin layout: Linear pinning, pin length [P]: 4...

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 dataArticle featuresProduct Line COMBICON Connectors XL
Product Type Basic socket for printed circuit boards
Product Family PC 16 HC/.. -G

No. of poles 4
Step 10.16 mm
Number of rows 1
1
Fixing flange absent
Pin Layout Linear Pinning
Number of Welding Pins per Potential 4
Electrical characteristicsRated Current IN 76 A
Rated voltage UN 1000 V
Degree of pollution 3
Mass Resistivity 0.235 m?
Sizing voltage (III/3) 1000 V
Sizing impulse voltage (III/3) 8 kV
Sizing voltage (III/2) 1000 V
Sizing Impulse Voltage (III/2) 8 kV
Sizing voltage (II/2) 1000 V
Sizing Impulse Voltage (II/2) 6 kV
MontageMounting type Wave Soldering
Pin Layout Linear Pinning
Material informationMaterial information - contacts
note Complies with WEEE/RoHS, no thread-like materials according to IEC 60068-2-82/JEDEC JESD 201
Contact Material Cu Alloy
Surface Finish Galvanic tin plating
Metal surface contact zone (surface layer) Tin (4 - 8 um Sn)
Metal surface contact area (middle layer) Nickel (1.5 - 4 um Ni)
Metal Surface Welding Area (Surface Layer) Tin (4 - 8 um Sn)
Metal Surface Weld Area (Middle Layer) Nickel (1.5 - 4 um Ni)
Material information - case
Color (Case) Green (6021)
Insulation material PA
Insulation Material Group The
CTI according to IEC 60112 600
Combustibility class according to UL 94 V0
Flammability index of GWFI filament according to EN 60695-2-12 850
GWIT filament ignition temperature according to EN 60695-2-13 775
Brinell hardness test temperature according to EN 60695-10-2 12...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 16 HC/ 4-G-10,16 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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