INDUSTRIAL COMPONENT DATA

PC 16 HC/ 2-G-10,16 1716846 PHOENIX CONTACT Printed circuit board base housing, nominal section: 16 mm2, col..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 16 HC/ 2-G-10,16



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 16 HC/ 2-G-10,16
Catalog number	1716846
Category	Printed circuit board connector
Minimum order	25 Pcs
Document ID	EO-0EFFA74AFE
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: 2, 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, colour: green, nominal current: 76 A, nominal voltage (III/2): 1000 V, surface contacts: Tin, contact type: Male, number of rows: 1, number of poles: 2, 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

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 Line COMBICON Connectors XL
Product Type Printed circuit board base housing
Product Family 16 pcs HC/.. -G
Number of poles 2
Step 10.16 mm
Number of rows 1

1
Clamping flange without
Pin Design Linear Pin Arrangement
Number of 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?
Sizing voltage (III/3) 1000 V
Dimensioning transient voltage (III/3) 8 kV
Dimensioning voltage (III/2) 1000 V
Dimensioning Transient Voltage (III/2) 8 kV
Nominal voltage (II/2) 1000 V
Dimensioning transient voltage (II/2) 6 kV
assemblyType of mounting Wave soldering
Pin Design Linear Pin Arrangement
Material DataMaterial data - contact
Observation WEEE/RoHS compliant, filament-free according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu Alloy
Surface Characteristics Galvanically tinned
Metal surface contact area (top layer) Tin (4 - 8 um Sn)
Metal Surface Contact Area (Middle Layer) Nickel (1.5 - 4 um Ni)
Metal surface weld area (top layer) Tin (4 - 8 um Sn)
Metal Surface Welding Area (Middle Layer) Nickel (1.5 - 4 um Ni)
Material data - housing
Color (Housing) Green (6021)
Insulating material PA
Insulating material group I
CTI according to IEC 60112 600
Flammability class according to UL 94 V0
Flammability number of GWFI incandescent filaments according to EN 60695-2-12 850
Ignition temperature of incandescent filaments GWIT according to EN 60695-2-13 775
Ball ha...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 16 HC/ 2-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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