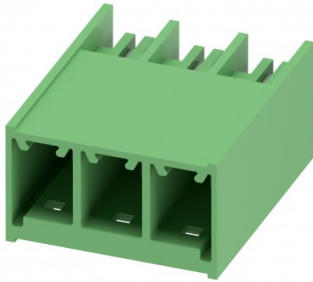


INDUSTRIAL COMPONENT DATA

PC 6/ 3-G-7,62 1054547 PHOENIX CONTACT Housing base printed circuit board, nominal current: 41 A, number of ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 6/ 3-G-7,62



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 6/ 3-G-7,62
Catalog number	1054547
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-E9E8329C04
Generated	2026-08-05

Product Overview

Housing base printed circuit board, nominal current: 41 A, number of poles: 3, pitch: 7.62 mm, color: green, surface of contact: Tin, assembly: wave Soldering

Printed circuit board base case, nominal section: 6 mm², color: green, nominal current: 41 A, nominal voltage (III/2): 630 V, contact surface: Tin, contact type: Male, number of potentials: 3, number of rows: 1, number of poles: 3, number of connections: 3, family of items: 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

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 Printed circuit board base housing

Product Family PC 6/.. -G

Product Line COMBICON Connectors L

Number of poles 3

Step 7.62 mm

Number of connections 3

Number of rows 1

Number of potentials 3

Clamping flange without

Pin Design Linear Pin Arrangement

Number of Solder Pins Per Potential 3

Data Maintenance Status

Article Review 01

Electrical PropertiesNominal Current IN 41 A

Nominal voltage UN 630 V

Contact resistance 0.5 m Ω

Sizing voltage (III/3) 630 V

Dimensioning transient voltage (III/3) 6 kV

Dimensioning voltage (III/2) 630 V

Dimensioning Transient Voltage (III/2) 6 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 (2 - 4 μ m Sn)

Metal Surface Contact Area (Middle Layer) Nickel (1.3 - 3 μ m Ni)

Metal surface weld area (top layer) Tin (2 - 4 μ m Sn)

Metal Surface Welding Area (Middle Layer) Nickel (1.3 - 3 μ m Ni)

Material data - housing

Color (Housing) Green (6021)

Insulating material PA GF

Insulating material group I

CTI according to IEC 60112 600

Flammability class according to UL 94 V0

NotesObservation regarding the operation According to DIN EN 61984, COMBICON connectors are connectors without switc...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 6/ 3-G-7,62 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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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