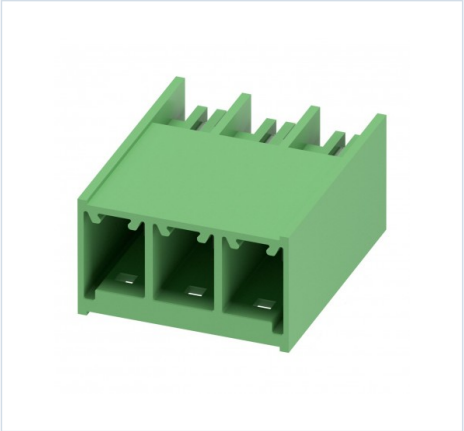
INDUSTRIAL COMPONENT DATA

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-A29805B2FA
Generated	2026-11-19

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?
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 um Sn)
Metal Surface Contact Area (Middle Layer) Nickel (1.3 - 3 um Ni)
Metal surface weld area (top layer) Tin (2 - 4 um Sn)
Metal Surface Welding Area (Middle Layer) Nickel (1.3 - 3 um 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 Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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