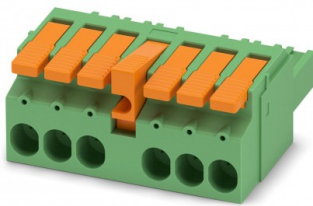


INDUSTRIAL COMPONENT DATA

LPC 6/ 6-STL4-7,62 1716948 PHOENIX CONTACT Connector for printed circuit board, nominal current: 41 A, numbe..

Brand: PHOENIX CONTACT | Manufacturer Part Number: LPC 6/ 6-STL4-7,62



Manufacturer	PHOENIX CONTACT
MPN / Reference	LPC 6/ 6-STL4-7,62
Catalog number	1716948
Category	Cable connector
Minimum order	25 Pcs
Document ID	EO-A1618BBD4A
Generated	2026-08-04

Product Overview

Connector for printed circuit board, nominal current: 41 A, number of poles: 6, pitch: 7.62 mm, Connection type: spring clamp push-in, color: green, surface contacts: Tin

Connector for printed circuit board, nominal section: 6 mm², color: green, nominal current: 41 A, nominal voltage (III/2): 1000 V, contact surface: Tin, contact type: Female, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, family of articles: LPC 6/.. -STL, pitch: 7.62 mm, connection type: Push-in lever connection, driver/printed circuit board connection direction: 0 °, clamping hook: - without clamping hook, plug-in system: COMBICON PC 6, locking: Snap lock, fixing type: Lace flange, 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)
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Additional Product Information

Technical dataItem PropertiesProduct Type Printed Circuit Board Connector

Product Family LPC 6/.. -STL

Product Line COMBICON Connectors L

Number of poles 6

Step 7.62 mm

Number of connections 6

Number of rows 1

Number of potentials 6

Data Maintenance Status

Article Review 04

Electrical PropertiesNominal Current IN 41 A

Nominal voltage UN 1000 V

Contact resistance 0.5 mΩ

Sizing voltage (III/3) 800 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

Connection dataConnection technology

Connector System COMBICON PC 6

Nominal Section 6 mm²

Contact Connection Type Female

Blockade

Locking system Lace lock

Clamping flange Locking trigger

Connecting Conductors

Connection type Push-in lever connection

Connection direction of the conductor with respect to the plug direction 0 °

Connection Direction Driver/PCB 0 °

Rigid conductor section 0.75 mm² ... 10 mm²Flexible conductor section 0.75 mm² ... 6 mm²

AWG Conductor Section 18 ... 8

Flexible conductor section with toe cap, without plastic sleeve 0.75 mm² ... 6 mm²Flexible conductor section with toe cap, with plastic sleeve 0.75 mm² ... 6 mm²

Male gauge a x b / Diameter 4.3 mm x 4.0 mm / 4.0 mm

Peel Length 18 mm

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 Galvan...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / LPC 6/ 6-STL4-7,62 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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