INDUSTRIAL COMPONENT DATA

LPC 6/ 5-STL3-7,62 1716942 PHOENIX CONTACT Connector for printed circuit board, nominal current: 41 A, numbe..

Brand: PHOENIX CONTACT | Manufacturer Part Number: LPC 6/ 5-STL3-7,62



Manufacturer	PHOENIX CONTACT
MPN / Reference	LPC 6/ 5-STL3-7,62
Catalog number	1716942
Category	Cable connector
Minimum order	25 Pcs
Document ID	EO-E44E609844
Generated	2026-11-18

Product Overview

Connector for printed circuit board, nominal current: 41 A, number of poles: 5, 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: 5, number of rows: 1, number of poles: 5, number of connections: 5, article family: 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
PCB connector, nominal cross section: 6 mm2, color: green, nominal current: 41 A, rated voltage (III/2): 1000 V, contact surface: Sn, contact connection type: Socket, number of potentials: 5, number of rows: 1, number of positions: 5, number of connections: 5, product range: LPC 6/..-STL, pitch: 7.62 mm, connection method: Lever Push-in connection, conductor/PCB connection direction: 0 °, locking clip: - without locking clip, plug-in system: COMBICON PC 6, locking: Snap-in locking, mounting: Latching flange, type of packaging: packed in cardboard

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 dataProduct propertiesProduct type PCB connector
Product family LPC 6/..-STL
Product line COMBICON Connectors L
Number of positions 5

Pitch 7.62 mm
Number of connections 5
Number of rows 1
Number of potentials 5
Data management status
Article revision 04
Electrical propertiesNominal current IN 41 A
Nominal voltage UN 1000 V
Contact resistance 0.5 m?
Rated voltage (III/3) 800 V
Rated surge voltage (III/3) 8 kV
Rated voltage (III/2) 1000 V
Rated surge voltage (III/2) 8 kV
Rated voltage (II/2) 1000 V
Rated surge voltage (II/2) 6 kV
Connection dataConnection technology
Connector system COMBICON PC 6
Nominal cross section 6 mm²
Contact connection type Socket
Interlock
Locking type Snap-in locking
Mounting flange Latching flange
Conductor connection
Connection method Lever Push-in connection
Connection direction of the conductor to plug-in direction 0 °
Conductor/PCB connection direction 0 °
Conductor cross section rigid 0.75 mm² ... 10 mm²
Conductor cross section flexible 0.75 mm² ... 6 mm²
Conductor cross section AWG 18 ... 8
Conductor cross section flexible, with ferrule without plastic sleeve 0.75 mm² ... 6 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.75 mm² ... 6 mm²
Cylindrical gauge a x b / diameter 4.3 mm x 4.0 mm / 4.0 mm
Stripping length 18 mm
Material specificationsMaterial data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu alloy
Surface characteristics Tin-plat...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / LPC 6/ 5-STL3-7,62 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.