

INDUSTRIAL COMPONENT DATA

LPT 6/ 2-7,5-ZF 1648246 PHOENIX CONTACT Printed circuit board terminal, rated current: 41 A, rated voltage (..

Brand: PHOENIX CONTACT | Manufacturer Part Number: LPT 6/ 2-7,5-ZF



Manufacturer	PHOENIX CONTACT
MPN / Reference	LPT 6/ 2-7,5-ZF
Catalog number	1648246
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-BD93D40BB0
Generated	2026-08-04

Product Overview

Printed circuit board terminal, rated current: 41 A, rated voltage (III/2): 1000 V, rated cross-section: 6 mm², number of rows: 1, number of poles per row: 2, article family: LPT 6/, pitch: 7.5 mm, connection type: Push-in lever connection, mounting: Wave soldering, driver/printed circuit board connection direction: 0°, color: green, Pin arrangement: Zigzag pins M, Pin length [P]: 3.6 mm, packaging type: boxed
Terminal block for printed circuit board

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

ETIM for 1648246 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

27.85 mm

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

7.5 mm

Rated current In (EF008250)

41 A

Rated voltage (EF000228)
1000 V

Rated surge voltage (EF002993)
8 kV

Over voltage category (EF006785)
III

Pollution degree (EF006786)
2

Connection type conductor (EF006821)
Spring clamp connection

Connectable conductor cross section solid-core (EF007337)
0.2 mm²

Connectable conductor cross section fine-strand with cable end sleeve (EF007339)
0.2 mm²

Connectable conductor cross section fine-strand without cable end sleeve (EF007341)
0.34 mm²

Connectable conductor cross section multi-wired (EF007343)
10 mm²

Connection type PCB (EF006822)
Soldering connection

Material connection surface (EF006826)
Tin

Diameter connection pin (EF006823)
2 mm

Length pin (EF006825)
3.6 mm

Material insulation body (EF007543)
Other

Housing colour (EF000136)
Green

Inflammability class of insulation material according to UL94 (EF002521)
V0

Operating temperature (EF002393)
-40 °C

Type of PCB fastening (EF008226)
Connecting contact

Type of fastening (EF002442)
Solder

Type of banding (EF007011)
Carton (for SMD)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / LPT 6/ 2-7,5-ZF 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.