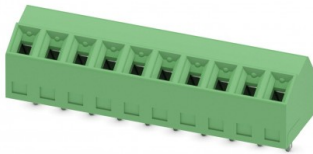


INDUSTRIAL COMPONENT DATA

SMKDS 1/ 2-3,81 BD:OUT 1012765 PHOENIX CONTACT

Terminal for printed circuit board, pitch: 3,81 mm, number of..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDS 1/ 2-3,81 BD:OUT



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMKDS 1/ 2-3,81 BD:OUT
Catalog number	1012765
Category	Printed circuit board terminal
Minimum order	250 Pcs
Document ID	EO-8F964FFD00
Generated	2026-08-06

Product Overview

Terminal for printed circuit board, pitch: 3,81 mm, number of poles: 2, color: green

Terminal block for printed circuit board, number of poles per row: 2, family of articles: SMKDS 1, pitch: 3.81 mm, color: green

Printed circuit board terminal, nominal current: 10 A, rated voltage (III/2): 200 V, nominal cross section: 1 mm², number of rows: 1, number of positions per row: 2, product range: SMKDS 1, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: Wave soldering, conductor/PCB connection direction: 35 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm, number of solder pins per potential: 1, 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)
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Additional Product Information

Technical dataProduct propertiesProduct type Printed circuit board terminal

Product family SMKDS 1

Product line COMBICON Terminals S

Number of positions 2

Pitch 3.81 mm

Number of rows 1

Pin layout Linear pinning

Solder pins per potential 1

Data management status

Article revision 04

Electrical propertiesNominal current I_N 10 A

Nominal voltage U_N 200 V

Rated voltage (III/3) 160 V

Rated surge voltage (III/3) 2.5 kV

Rated voltage (III/2) 200 V

Rated surge voltage (III/2) 2.5 kV

Rated voltage (II/2) 400 V

Rated surge voltage (II/2) 2.5 kV

Connection dataConnection technology

Type PC termination block

Nominal cross section 1 mm²

Conductor connection

Connection method Screw connection with tension sleeve

Conductor cross section rigid 0.14 mm² ... 1.5 mm²

Conductor cross section flexible 0.14 mm² ... 1 mm²

Conductor cross section AWG 26 ... 16

Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 0.5 mm²

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 0.5 mm²

2 conductors with same cross section, solid 0.14 mm² ... 0.5 mm²

2 conductors with same cross section, flexible 0.14 mm² ... 0.2 mm²

Stripping length 5 mm

Drive form screw head Slotted (L)

Tightening torque 0.22 Nm ... 0.25 Nm

MountingMounting type Wave soldering

Pin layout Linear pinning

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 characteristi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 1/ 2-3,81 BD:OUT 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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