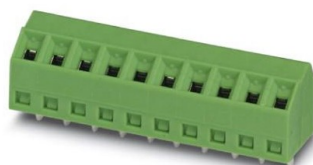


INDUSTRIAL COMPONENT DATA

SMKDS 1/ 2-3,81 1728284 PHOENIX CONTACT PCB terminal block

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMKDS 1/ 2-3,81
Catalog number	1728284
Category	Printed circuit board terminal
Minimum order	250 Pcs
Document ID	EO-1C70F667AD
Generated	2026-08-03

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 10 A, nominal voltage (III/2): 200 V, nominal cross-section: 1 mm², number of potentials: 2, number of rows: 1, number of poles per row: 2, article family: SMKDS 1, pitch: 3.81 mm, connection type: Screw connection with traction capsule, screw clamping method: L Longitudinal slot, mounting: Wave soldering, conductor/printed circuit board connection direction: 35 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 1, 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

Key Commercial Data

Orderkey 1728284

Packing unit 250 pc

Catalog page Page 85 (C-1-2013)

GTIN 4017918025731

Weight per Piece (excluding packing) 1.200 g

Custom tariff number 85369010

Country of origin DE (Germany)

Item properties

Brief article description PCB terminal block

Range of articles SMKDS 1
Pitch 3.81 mm
Number of positions 2
Connection method Screw connection with tension sleeve
Drive form screw head Slotted (L)
Screw thread M2
Mounting type Wave soldering
Pin layout Linear pinning
Number of levels 1
Number of connections 2
Number of potentials 2
Electrical parameters
Rated current 10 A
Rated insulation voltage (III/2) 200 V
Rated surge voltage (III/2) 2.5 kV
Connection capacity
Conductor cross section solid 0.14 mm² ... 1.5 mm²
Conductor cross section flexible 0.14 mm² ... 1 mm²
Conductor cross section AWG / kcmil 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
Torque 0.22 Nm ... 0.25 Nm
Material data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu alloy
Metal surface terminal point (top layer) Tin (5 - 7 µm Sn)
Metal surface terminal point (middle layer) Nickel (2 - 3 µm Ni)
Metal surface soldering area....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 1/ 2-3,81 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.