

INDUSTRIAL COMPONENT DATA

SMKDS 1/ 4-3,81 BK 1800067 PHOENIX CONTACT Terminal for printed circuit board, nominal current: 10 A, pitch:..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDS 1/ 4-3,81 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMKDS 1/ 4-3,81 BK
Catalog number	1800067
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-E46EDFD5BF
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Product Overview

Terminal for printed circuit board, nominal current: 10 A, pitch: 3,81 mm, number of poles: 4, type of connection: Connection by screw with capsule-traction, assembly: Soldering by wave direction for connection conductor/pcb: 35 °, color: black

Terminal block for printed circuit board, nominal current: 10 A, nominal voltage (III/2): 200 V, nominal section: 1 mm², number of rows: 1, number of poles per row: 4, article family: SMKDS 1, pitch: 3.81 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, Mounting: Wave soldering, conductor/printed circuit board connection direction: 35 °, color: black, 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

Terminals for printed circuit boards, the size of the pitch: 3.81 mm, poles: 4, color: black

Commercial data

Order code One million eight hundred thousand sixty seven

Packaging unit One

GTIN Four trillion fifty five billion six hundred twenty six million twenty four thousand nine hundred five

Dimensions

Length [L] 10 mm

The step size 3.81 mm

Size a 11.43 mm

Width [w] Of 15.23 mm

Height 9.5 mm

Height [h] 13 mm

Pin length [P] 3.5 mm

The diameter of the holes 1.1 mm

General information

Series products SMKDS 1

Rated impulse withstand voltage (III/3) 2.5 kV

Rated impulse withstand voltage (III/2) 2.5 kV

Rated impulse withstand voltage (II/2) 2.5 kV

Rated voltage (III/3) One hundred sixty

Rated voltage (III/2) Two hundred

Rated voltage (II/2) Four hundred

Connection according to standard EN-VDE

Nominal current IN 10 A

Nominal cross-section 1 mm²

The output surface of the solder

The Stripping length 5 mm

Poles Four

Thread screws M2

Min. tightening torque 0,22 Nm

Tightening torque, max. 0.25 Nm

Characteristics of the terminals

Conductor cross-section AWG min. Twenty six

AWG wire size max. Sixteen

2 hard wires of the same size, min. 0,14 mm²

2 hard wire of equal cross-section, max. 0.5 mm²

2 flexible wires with equal cross-section, min. 0,14 mm²

2 flexible wires with equal cross-section, max. 0.2 mm²

Standards and regulations

Connection according to standard EN-VDE

CSA

Environmental Product Compliance

REACH SVHC

Lead 7439-92-1

China RoHS The time period for use (EFUP) of 50 yea...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 1/ 4-3,81 BK 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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