

INDUSTRIAL COMPONENT DATA

SMKDS 2,5/ 3-5,08 1705472 PHOENIX CONTACT PCB terminal block, Nominal current: 20 A, Nom. voltage: 400 V, Pi..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDS 2,5/ 3-5,08



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMKDS 2,5/ 3-5,08
Catalog number	1705472
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-FD4BE4E693
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Product Overview

PCB terminal block, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 5.08 mm, Number of positions: 3, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 40 °, Color: green, The article can be aligned to create different nos. of positions!

Terminal block for printed circuit board, nominal current: 20 A, nominal voltage (III/2): 400 V, nominal cross-section: 2.5 mm², number of potentials: 3, number of rows: 1, number of poles per row: 3, article family: SMKDS 2.5, pitch: 5.08 mm, connection type: Screw connection with traction capsule, screw clamping method: L Longitudinal slot, mounting: Wave soldering, conductor/printed circuit board connection direction: 50 °, 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

Dimensions

Length 14.25 mm

Pitch 5.08 mm

Dimension a 10.16 mm

Constructional height 20 mm

Length of the solder pin 3.5 mm

Pin dimensions 1 x 0,9 mm

Hole diameter 1.4 mm

General

Range of articles SMKDS 2,5

Insulating material group I

Rated surge voltage (III/3) 4 kV

Rated surge voltage (III/2) 4 kV

Rated surge voltage (II/2) 4 kV

Rated voltage (III/3) 250 V

Rated voltage (III/2) 400 V

Rated voltage (II/2) 630 V

Connection in acc. with standard EN-VDE

Nominal current IN 20 A

Nominal cross section 2.5 mm²

Maximum load current 20 A

Insulating material PA

Solder pin surface Sn

Flammability rating according to UL 94 V0

Internal cylindrical gage A3

Stripping length 11 mm

Number of positions 3

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

Connection dataConductor cross section solid min. 0.14 mm²Conductor cross section solid max. 2.5 mm²Conductor cross section flexible min. 0.14 mm²Conductor cross section flexible max. 2.5 mm²Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm²

Conductor cross section AWG min. 26

Conductor cross section AWG max. 14

2 conductors with same cross section, solid min. 0.14 mm²2 conductors with same cross section, solid max. 0.75 mm²

2 conductors with...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 2,5/ 3-5,08 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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