

INDUSTRIAL COMPONENT DATA

ZFKDS 1-W-3,81 1705003 PHOENIX CONTACT PCB terminal block, Nominal current: 12 A, Nom. voltage: 200 V, Pitch..

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZFKDS 1-W-3,81



Manufacturer	PHOENIX CONTACT
MPN / Reference	ZFKDS 1-W-3,81
Catalog number	1705003
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-05623B6E4C
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Product Overview

PCB terminal block, Nominal current: 12 A, Nom. voltage: 200 V, Pitch: 3.81 mm, Number of positions: 1, Connection method: Spring-cage connection, Mounting: Wave soldering, Conductor/PCB connection direction: 45 °, Color: green, The article can be aligned to create different nos. of positions!

Printed circuit board terminal block, rated current: 12 A, rated voltage (III/2): 200 V, rated cross-section: 1 mm², number of potentials: 1, number of rows: 1, number of poles per row: 1, article family: ZFKDS(A) 1-W, pitch: 3.81 mm, connection type: Spring connection, mounting: Wave soldering, driver/printed circuit board connection direction: 45 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of welding pins per potential: 2, packaging type: boxed. Individual disc for the individual composition of different numbers of poles. To complete the block, an additional terminal block is required (see accessories). Block-bound items in different numbers of poles are also available.

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 17.5 mm

Pitch 3.81 mm

Constructional height 16 mm

Length of the solder pin 3.5 mm

Pin dimensions 0,7 x 1 mm

Hole diameter 1.2 mm

General

Range of articles ZFKDS(A) 1-W

Insulating material group I

Rated surge voltage (III/3) 2.5 kV

Rated surge voltage (III/2) 2.5 kV

Rated surge voltage (II/2) 2.5 kV

Rated voltage (III/3) 160 V

Rated voltage (III/2) 200 V

Rated voltage (II/2) 400 V

Connection in acc. with standard EN-VDE

Nominal current I_N 12 ANominal cross section 1 mm²Maximum load current 12 A (with 1.5 mm² conductor cross section)

Insulating material PA

Solder pin surface Sn

Flammability rating according to UL 94 V0

Stripping length 7.5 mm

Number of positions 1

Connection dataConductor cross section solid min. 0.14 mm²Conductor cross section solid max. 1.5 mm²Conductor cross section flexible min. 0.14 mm²Conductor cross section flexible max. 1 mm²Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²Conductor cross section flexible, with ferrule without plastic sleeve max. 0.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²Conductor cross section flexible, with ferrule with plastic sleeve max. 0.5 mm²

Conductor cross section AWG min. 26

Conductor cross section AWG max. 16

ETIM for 1705003 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

19.5 mm

Number of electrical connections (EF008252)

1

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

3.81 mm...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZFKDS 1-W-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

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