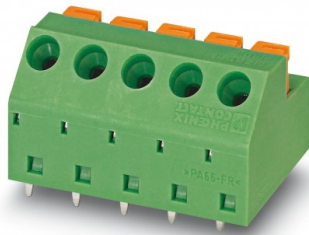


INDUSTRIAL COMPONENT DATA

MFKDSP/ 3-5,08 BDMC:RD,RD,WH 1841979 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MFKDSP/ 3-5,08 BDMC:RD,RD,WH



Manufacturer	PHOENIX CONTACT
MPN / Reference	MFKDSP/ 3-5,08 BDMC:RD,RD,WH
Catalog number	1841979
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-D7800866A2
Generated	2026-08-02

Product Overview

PCB terminal block

Terminal block for printed circuit board, rated current: 12 A, rated voltage (III/2): 320 V, rated cross-section: 1 mm², number of potentials: 3, number of rows: 1, number of poles per row: 3, article family: MFKDSP, pitch: 5.08 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 45 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.3 mm, number of solder pins per potential: 2, packaging type: boxed

PCB terminal block, rated current: 12 A, dimensioning voltage (III/2): 320 V, nominal cross-section: 1 mm², number of potentials: 3, number of rows: 1, number of poles per row: 3, product series: MFKDSP, pitch: 5.08 mm, connection type: Push-in spring connection, mounting: wave soldering, conductor/board connection direction: 45 °, Color: Green, Pin Layout: Linear Pinning, Pin Length [P]: 3.3mm, Number of Solder Pins Per Potential: 2, Package Type: Packed in Carton

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 1841979

Packing unit 1

GTIN 4046356919760

Custom tariff number 85369010

Dimensions

Length [l] 16.2 mm

Pitch 5.08 mm

Dimension a 10.16 mm

Width [w] 15.24 mm

Height 12.92 mm

Height [h] 16.22 mm

Solder pin [P] 3.3 mm

Pin spacing 10.16 mm

Hole diameter 1.3 mm

General

Range of articles MFKDSP

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) 320 V

Rated voltage (II/2) 630 V

Connection in acc. with standard EN-VDE

Nominal current I_N 12 A

Nominal cross section 1 mm²

Solder pin surface

Stripping length 10 mm

Number of positions 3

Connection data

Conductor cross section AWG min. 24

Conductor cross section AWG max. 16

Standards and Regulations

Connection in acc. with standard EN-VDE

CUL

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 5.127261100eCl@ss 6.027261100eCl@ss 7.027440401eCl@ss 8.027440401eCl@ss 9.027440401

ETIM 5.0EC002643ETIM 6.0EC002643

UNSPSC 13.239121432

ETIM for 1841979 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

16.22 mm

Number of electrical connections (EF008252)

3

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

5.08 mm

Rated current In (EF008250)

12 A

Rated voltage (EF000228)

320 V

Rated surge voltage (EF002993)

4 kV

Over voltage category (EF006785)

III

Pollution degree (EF...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MFKDSP/ 3-5,08 BDMC:RD,RD,WH 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.