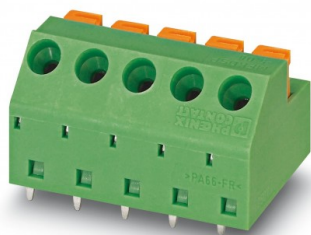


INDUSTRIAL COMPONENT DATA

MFKDSP/ 4-5,08 1790649 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MFKDSP/ 4-5,08



Manufacturer	PHOENIX CONTACT
MPN / Reference	MFKDSP/ 4-5,08
Catalog number	1790649
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-59D74215F9
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, nominal cross-section: 1 mm², number of potentials: 4, number of rows: 1, number of poles per row: 4, 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

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)
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Additional Product Information

Key Commercial Data

Orderkey 1790649

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 120 (CC-2009)

GTIN 4017918044428

Weight per Piece (excluding packing) 4.180 g

Custom tariff number 85369010

Country of origin PL (Poland)

Dimensions

Length [l] 16.2 mm

Pitch 5.08 mm

Dimension a 15.24 mm

Width [w] 20.32 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

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) 320 V

Rated voltage (II/2) 630 V

Connection in acc. with standard EN-VDE

Nominal current IN 12 A

Nominal cross section 1 mm²

Maximum load current 12 A (with 1.5 mm² conductor cross section)

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 10 mm

Number of positions 4

Connection data

Conductor cross section solid min. 0.2 mm²

Conductor cross section solid max. 1.5 mm²

Conductor cross section flexible min. 0.2 mm²

Conductor cross section flexible max. 1 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 0.75 mm²

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule with plastic sleeve max. 0.75 mm²

Conductor cross se...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MFKDSP/ 4-5,08 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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