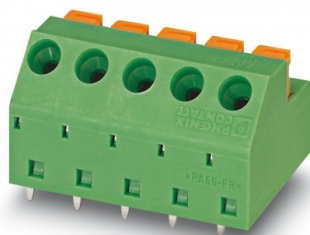


INDUSTRIAL COMPONENT DATA

MFKDSP/ 7-5,08 BD:90-78 SO 1717589 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MFKDSP/ 7-5,08 BD:90-78 SO



Manufacturer	PHOENIX CONTACT
MPN / Reference	MFKDSP/ 7-5,08 BD:90-78 SO
Catalog number	1717589
Category	Printed circuit board terminal
Minimum order	1 Pcs
Document ID	EO-ADE0B07DD6
Generated	2026-08-03

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 12 A, dimensioning voltage (III/2): 320 V, nominal cross-section: 1 mm², Number of potentials: 7, Number of rows: 1, Number of poles per row: 7, 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: Double linear pin arrangement, Pin length [P]: 3.3 mm, packaging type: boxed

Printed circuit board terminal, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 1 mm², number of potentials: 7, number of rows: 1, number of positions per row: 7, product range: MFKDSP, pitch: 5.08 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, Pin layout: Linear double pinning, Solder pin [P]: 3.3 mm, number of solder pins per potential: 2, type of packaging: packed in cardboard

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

Technical dataProduct propertiesProduct type Printed circuit board terminal

Product family MFKDSP

Product line COMBICON Terminals S

Type PC termination block

Number of positions 7

Pitch 5.08 mm

Number of connections 7

Number of rows 1
Number of potentials 7
Pin layout Linear double pinning
Solder pins per potential 2
Data management status
Article revision 01
Electrical propertiesNominal current IN 12 A
Nominal voltage UN 320 V
Rated voltage (III/3) 250 V
Rated surge voltage (III/3) 4 kV
Rated voltage (III/2) 320 V
Rated surge voltage (III/2) 4 kV
Rated voltage (II/2) 630 V
Rated surge voltage (II/2) 4 kV
Connection dataConnection technology
Type PC termination block
Nominal cross section 1 mm²
Conductor connection
Connection method Push-in spring connection
Conductor cross section rigid 0.2 mm² ... 1.5 mm²
Conductor cross section flexible 0.2 mm² ... 1 mm²
Conductor cross section AWG 24 ... 16
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 0.75 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 0.75 mm²
Stripping length 10 mm
MountingMounting type Wave soldering
Pin layout Linear double pinning
Material specificationsMaterial data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material Steel/copper
Surface characteristics Tin-plated
Metal surface terminal point (top layer) Tin (5 - 7 µm Sn)
Metal surface terminal point (middle layer) Copper (2 - 5....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MFKDSP/ 7-5,08 BD:90-78 SO 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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