

INDUSTRIAL COMPONENT DATA

DFK-MC 1,5/12-GF-3,81 1829439 PHOENIX CONTACT

Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: DFK-MC 1,5/12-GF-3,81



Manufacturer	PHOENIX CONTACT
MPN / Reference	DFK-MC 1,5/12-GF-3,81
Catalog number	1829439
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-30FDE68870
Generated	2026-07-28

Product Overview

Feed-through header

Wall pass-through housing, nominal section: 1.5 mm², color: green, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of potentials: 12, number of rows: 1, number of poles: 12, number of connections: 12, family of articles: DFK-MC 1.5/.. -GF, pitch: 3.81 mm, connection type: Solder/flat plug connection, mounting: Direct mounting, pin arrangement: Linear pin arrangement, pin length [P]: 9.4 mm, number of solder pins per potential: 1, plug-in system: COMBICON MC 1.5, Plug-in face orientation: Standard, lock: Screw lock, fixing type: Air clamping (thread), Packaging Type: Boxed Packaging

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 1829439

Packing unit 50 pc

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GTIN 4017918051112

Weight per Piece (excluding packing) 7.600 g

Custom tariff number 85366990

Country of origin PL (Poland)

Dimensions

Length [l] 16.2 mm

Width [w] 60.11 mm

Height [h] 20.4 mm

Pitch 3.81 mm

Dimension a 41.91 mm

Dimensions of slip-on connection 2,8 x 0,8 mm

General

Range of articles DFK-MC 1,5/..-GF

Number of positions 12

Connection method Solder/Slip-on connection

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) 160 V

Rated voltage (II/2) 320 V

Connection in acc. with standard EN-VDE

Nominal current I_N 8 A

Nominal cross section 1.5 mm²

Maximum load current 8 A

Insulating material PA

Flammability rating according to UL 94 V0

Connection data

Conductor cross section solid min. 0.14 mm²

Conductor cross section solid max. 1.5 mm²

Conductor cross section flexible min. 0.14 mm²

Conductor cross section flexible max. 1.5 mm²

Conductor cross section AWG min. 28

Conductor cross section AWG max. 16

Max. current slip-on connection 8 A

Dimensions of slip-on connection 2,8 x 0,8 mm

Standards and Regulations

Connection in acc. with standard EN-VDE

CSA

Flammability rating according to UL 94 V0

Environmental Product Compliance

China RoHS Environmentally Friendly Use Period = 50

For details about hazardous substances go to tab "Downloads", Category "Manu..."

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DFK-MC 1,5/12-GF-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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