

## INDUSTRIAL COMPONENT DATA

# DFK-MC 1,5/ 3-GF-3,81 1829358 PHOENIX CONTACT

## Feed-through header

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



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | DFK-MC 1,5/ 3-GF-3,81           |
| Catalog number  | 1829358                         |
| Category        | Printed circuit board connector |
| Minimum order   | 50 Pcs                          |
| Document ID     | EO-88E079CEF5                   |
| Generated       | 2026-08-02                      |

## Product Overview

### Feed-through header

Cable pass housing, nominal section: 1.5 mm<sup>2</sup>, color: green, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of potentials: 3, number of rows: 1, number of poles: 3, number of connections: 3, 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

Bulkhead housings, nominal cross-section: 1.5 mm<sup>2</sup>, colour: green, rated current: 8 A, dimensioning voltage (III/2): 160 V, contact surface: Sn, contact connection type: plug, number of potentials: 3, number of rows: 1, number of poles: 3, number of connections: 3, product series: DFK-MC 1.5/.. -GF, pitch: 3.81 mm, connection type: Solder terminals/with Faston connection, mounting: Direct mounting, pin layout: Linear pinning, pin length [P]: 9.4 mm, number of solder pins per potential: 1, pin system: COMBICON MC 1.5, Insertion pin orientation: Standard, locking: Screw locking, fixing type: Threaded flange, packaging 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 1829358

Packing unit 50 pc

Catalog page Page 240 (C-1-2013)

GTIN 4017918051037

Weight per Piece (excluding packing) 2.880 g

Custom tariff number 85366990

Country of origin PL (Poland)

Dimensions

Length [ l ] 16.2 mm

Width [ w ] 25.82 mm

Height [ h ] 20.4 mm

Pitch 3.81 mm

Dimension a 7.62 mm

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

General

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

Number of positions 3

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 IN 8 A

Nominal cross section 1.5 mm<sup>2</sup>

Maximum load current 8 A

Insulating material PA

Flammability rating according to UL 94 V0

Connection data

Conductor cross section solid min. 0.14 mm<sup>2</sup>

Conductor cross section solid max. 1.5 mm<sup>2</sup>

Conductor cross section flexible min. 0.14 mm<sup>2</sup>

Conductor cross section flexible max. 1.5 mm<sup>2</sup>

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 "Manufa..."

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DFK-MC 1,5/ 3-GF-3,81 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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