INDUSTRIAL COMPONENT DATA

# DFK-MC 1,5/ 8-GF-3,81 1827596 PHOENIX CONTACT Feed-through header

**Brand: PHOENIX CONTACT | Manufacturer Part Number: DFK-MC 1,5/ 8-GF-3,81**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | DFK-MC 1,5/ 8-GF-3,81 |
| Catalog number | 1827596 |
| Category | Printed circuit board connector |
| Minimum order | 50 Pcs |
| Document ID | EO-BBA5EEE98A |
| Generated | 2026-11-19 |

## 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: 8, number of rows: 1, number of poles: 8, number of connections: 8, 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

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|---|---|
| Catalog path | PHOENIX CONTACT > PCB Connectors (PCC) |

## Additional Product Information

Key Commercial Data
Orderkey 1827596
Packing unit 50 pc
Catalog page Page 240 (C-1-2013)
GTIN 4017918050153
Weight per Piece (excluding packing) 5.600 g
Custom tariff number 85366990
Country of origin PL (Poland)
Dimensions

Length [ l ] 16.2 mm
Width [ w ] 44.87 mm
Height [ h ] 20.4 mm
Pitch 3.81 mm
Dimension a 26.67 mm
Dimensions of slip-on connection 2,8 x 0,8 mm
General
Range of articles DFK-MC 1,5/..-GF
Number of positions 8
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 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 “Manuf...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DFK-MC 1,5/ 8-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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