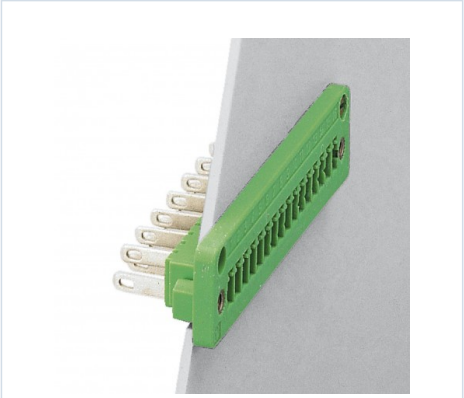
INDUSTRIAL COMPONENT DATA

DFK-MC 1,5/ 5-GF-3,81BK 1829658 PHOENIX CONTACT Feed-through header

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	DFK-MC 1,5/ 5-GF-3,81BK
Catalog number	1829658
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-70FDFE9246
Generated	2026-11-19

Product Overview

Feed-through header
Wall pass-through housing, nominal section: 1.5 mm², color: black, nominal current: 8 A, nominal voltage (III/2): 160 V, contact type: Male, number of potentials: 5, number of rows: 1, number of poles: 5, number of connections: 5, 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
Through socket, nominal cross-section: 1.5 mm2, colour: black, nominal current: 8 A, reference voltage (III/2): 160 V, contact surface: Sn, contact type: Male, number of potentials: 5, number of rows: 1, number of poles: 5, number of connections: 5, item range: DFK-MC 1.5/.. -GF, pitch: 3.81 mm, connection type: Solder/tab connection for clips, mounting: Direct mounting, spindle plane: Linear pinout, spindle length [P]: 9.4 mm, number of pins per potential: 1, Plug-in system: COMBICON MC 1.5, Orientation of the plug-in pattern: Standard, Locking: Screw locking, Fastening type: Threaded flange, Packaging type: packed in a 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 1829658
Packing unit 1

GTIN 4046356901031
Custom tariff number 85366990
Dimensions
Length [l] 16.2 mm
Width [w] 33.44 mm
Height [h] 20.4 mm
Pitch 3.81 mm
Dimension a 15.24 mm
General
Range of articles DFK-MC 1,5/..-GF
Number of positions 5
Connection method Solder/Slip-on connection
Rated voltage (III/3) 160 V
Connection in acc. with standard EN-VDE
Nominal current IN 8 A
Nominal cross section 1.5 mm²
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
Standards and Regulations
Connection in acc. with standard EN-VDE
CSA
Environmental Product Compliance
China RoHS Environmentally Friendly Use Period = 50
For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”
Classifications
eCl@ss 5.127141100eCl@ss 6.027141100eCl@ss 7.027141134eCl@ss 8.027440402eCl@ss 9.027440402
ETIM 5.0EC002637ETIM 6.0EC001283
UNSPSC 13.239121410

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DFK-MC 1,5/ 5-GF-3,81BK 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.