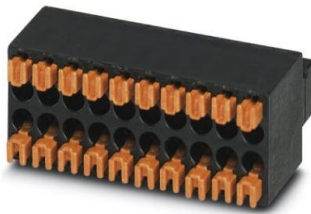


INDUSTRIAL COMPONENT DATA

DFMC 0,5/ 2-ST-2,54 1844578 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: DFMC 0,5/ 2-ST-2,54



Manufacturer	PHOENIX CONTACT
MPN / Reference	DFMC 0,5/ 2-ST-2,54
Catalog number	1844578
Category	Cable connector
Minimum order	100 Pcs
Document ID	EO-4CEAA74519
Generated	2026-08-02

Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 0.5 mm², color: black, nominal current: 6 A, nominal voltage (III/2): 160 V, contact surface: Gold, contact type: Female, number of potentials: 4, number of rows: 2, number of poles: 2, number of connections: 4, article family: DFMC 0.5/.. -ST, pitch: 2.54 mm, connection type: Push-in spring connection, conductor/printed circuit board connection direction: 0°, plug-in system: COMBICON DFMC 0.5, lock: without, fixing type: without, packaging type: boxed

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 1844578

Packing unit 100 pc

Minimum order quantity 100 pc

GTIN 4046356964241

Weight per Piece (excluding packing) 1.060 g

Custom tariff number 85366990

Country of origin DE (Germany)

Item properties

Brief article description PCB connector

Plug-in system MICRO COMBICON - DFMC 0,5

Type of contact Female connector

Range of articles DFMC 0,5/...-ST

Pitch 2.54 mm

Number of positions 2

Connection method Push-in spring connection

Locking without

Number of levels 2

Electrical parameters

Rated current 6 A

Rated insulation voltage (III/2) 160 V

Rated surge voltage (III/2) 2.5 kV

Connection capacity

Conductor cross section solid 0.14 mm² ... 0.5 mm²

Conductor cross section flexible 0.14 mm² ... 0.5 mm²

Conductor cross section AWG / kcmil 26 ... 20

Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 0.34 mm²

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.14 mm² ... 0.25 mm²

Stripping length 7 mm

Material data - contact

Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu alloy

Surface characteristics Selective coating

Metal surface terminal point (top layer) Tin (5 - 7 µm Sn)

Metal surface terminal point (middle layer) Nickel (1 - 3 µm Ni)

Metal surface contact area (top layer) Gold (0.25 Au)

Metal surface contact area (middle layer) Nickel (2 - 3 µm Ni)

Material data - housing

Insulating material LCP

Insulating material group IIIa

CTI according to IEC....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DFMC 0,5/ 2-ST-2,54 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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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