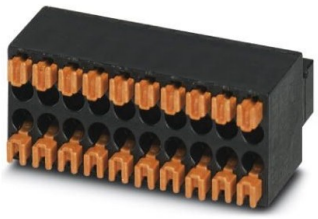
INDUSTRIAL COMPONENT DATA

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-55FEC72DA8
Generated	2026-11-18

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 Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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