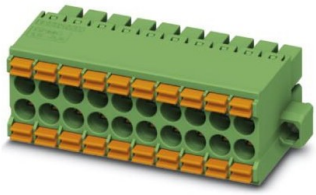
INDUSTRIAL COMPONENT DATA

DFMC 1,5/20-STF-3,5 1790470 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: DFMC 1,5/20-STF-3,5



Manufacturer	PHOENIX CONTACT
MPN / Reference	DFMC 1,5/20-STF-3,5
Catalog number	1790470
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-643D5A87ED
Generated	2026-11-18

Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal section: 1.5 mm², color: green, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact connection type: Female, number of potentials: 40, number of rows: 2, number of poles: 20, number of connections: 40, article family: DFMC 1.5/.. -STF, pitch: 3.5mm, connection type: Push-in spring connection, conductor/printed circuit board connection direction: 0°, plug-in system: COMBICON DFMC 1.5, locking: Screw lock, fixing type: Air clamping (screw), 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 1790470
Packing unit 50 pc
Note Made to Order (non-returnable)
GTIN 4046356594936
Weight per Piece (excluding packing) 21.130 g
Custom tariff number 85366990
Country of origin DE (Germany)
Dimensions
Length [l] 23.35 mm

Width [w] 77 mm
Height [h] 13.25 mm
Pitch 3.5 mm
Dimension a 66.5 mm
General
Range of articles DFMC 1,5/..-STF
Number of positions 20
Connection method Push-in spring 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
Internal cylindrical gage A1
Stripping length 10 mm
Connection data
Conductor cross section solid min. 0.2 mm²
Conductor cross section solid max. 1.5 mm²
Conductor cross section flexible min. 0.2 mm²
Conductor cross section flexible max. 1.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max. 1.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max. 0.75 mm²
Conductor cross section AWG min. 24
Conductor cross section AWG max. 16
Minimum AWG according...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DFMC 1,5/20-STF-3,5 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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