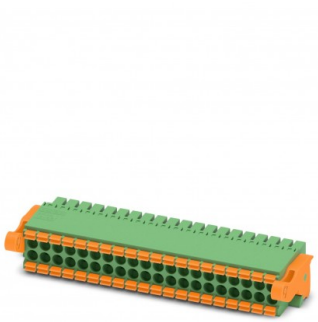
INDUSTRIAL COMPONENT DATA

DFMC 1,5/20-ST-3,5-LR 1790661 PHOENIX CONTACT Printed-circuit board connector

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	DFMC 1,5/20-ST-3,5-LR
Catalog number	1790661
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-983A0C34CD
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/.. -ST-LR, pitch: 3.5 mm, connection type: Push-in spring connection, driver/printed circuit board connection direction: 0°, plug-in system: COMBICON DFMC 1.5, lock: Snap lock, fixing type: Lock & Release puller lever, packaging type: boxed
PCB connector, nominal cross section: 1.5 mm2, color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Sn, contact connection type: Socket, number of potentials: 40, number of rows: 2, number of positions: 20, number of connections: 40, product range: DFMC 1,5/..-ST-LR, pitch: 3.5 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, plug-in system: COMBICON DFMC 1,5, locking: Lock-and-release locking system, mounting: Lock & Release ejector lever, type of packaging: packed in cardboard

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

Technical dataProduct propertiesProduct type PCB connector
Product family DFMC 1,5/..-ST-LR
Product line COMBICON Connectors S
Type Plug component
Number of positions 20

Pitch 3.5 mm
Number of connections 40
Number of rows 2
Number of potentials 40
Mounting flange Lock & Release ejector lever
Data management status
Article revision 06
Electrical propertiesNominal current IN 8 A
Nominal voltage UN 160 V
Contact resistance 2 m?
Rated voltage (III/3) 160 V
Rated surge voltage (III/3) 2.5 kV
Rated voltage (III/2) 160 V
Rated surge voltage (III/2) 2.5 kV
Rated voltage (II/2) 320 V
Rated surge voltage (II/2) 2.5 kV
Connection dataConnection technology
Type Plug component
Connector system COMBICON DFMC 1,5
Nominal cross section 1.5 mm²
Contact connection type Socket
Interlock
Locking type Lock-and-release locking system
Mounting flange Lock & Release ejector lever
Conductor connection
Connection method Push-in spring connection
Conductor/PCB connection direction 0 °
Conductor cross section rigid 0.2 mm² ... 1.5 mm²
Conductor cross section flexible 0.2 mm² ... 1.5 mm²
Conductor cross section AWG 24 ... 16
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 1.5 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.14 mm² ... 0.75 mm²
Cylindrical gauge a x b / diameter 2.4 mm x 1.5 mm / 1.6 mm
Stripping length 10 mm
Specifications for ferrules without insulating collar
recommended crimping tool 1212034 CRIMPFOX 6
ferrules without ins...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DFMC 1,5/20-ST-3,5-LR 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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