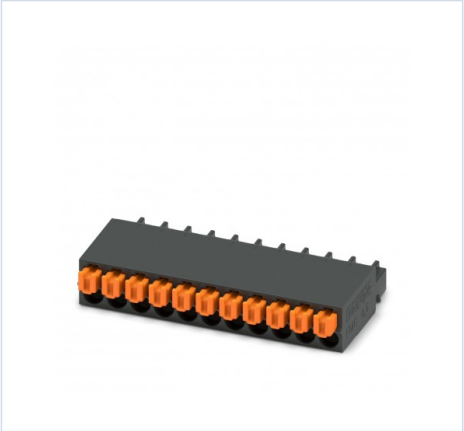
INDUSTRIAL COMPONENT DATA

FMC 0,5/11-ST-2,54 1821180 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: FMC 0,5/11-ST-2,54



Manufacturer	PHOENIX CONTACT
MPN / Reference	FMC 0,5/11-ST-2,54
Catalog number	1821180
Category	Cable connector
Minimum order	100 Pcs
Document ID	EO-EFADE141CC
Generated	2026-11-19

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: 11, number of rows: 1, number of poles: 11, number of connections: 11, family of articles: FMC 0.5/.. -ST, pitch: 2.54mm, connection type: Push-in spring connection, conductor/printed circuit board connection direction: 0°, plug-in system: COMBICON FMC 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 1821180
Packing unit 100 pc
Catalog page Page 174 (C-1-2013)
GTIN 4046356789349
Weight per Piece (excluding packing) 2.800 g
Custom tariff number 85366990
Country of origin DE (Germany)
Dimensions
Length [l] 14 mm

Width [w] 28.44 mm
Height [h] 5.35 mm
Pitch 2.54 mm
Dimension a 25.4 mm
General
Range of articles FMC 0,5/..-ST
Number of positions 11
Connection method Push-in spring connection
Insulating material group IIIa
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) 32 V
Rated voltage (III/2) 160 V
Rated voltage (II/2) 160 V
Connection in acc. with standard EN-VDE
Nominal current IN 6 A
Nominal cross section 0.5 mm²
Flammability rating according to UL 94 V0
Stripping length 7 mm
Connection data
Conductor cross section solid min. 0.14 mm²
Conductor cross section solid max. 0.5 mm²
Conductor cross section flexible min. 0.14 mm²
Conductor cross section flexible max. 0.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max. 0.34 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min. 0.14 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max. 0.25 mm²
Conductor cross section AWG min. 26
Conductor cross section AWG max. 20
General information
Type of note Notes on operation
Note In accordance with IEC 61984, COMBICON con...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FMC 0,5/11-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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