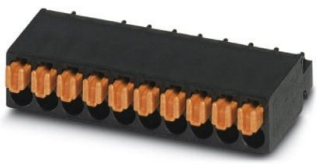
INDUSTRIAL COMPONENT DATA

FMC 0,5/ 3-ST-2,54 1821106 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: FMC 0,5/ 3-ST-2,54



Manufacturer	PHOENIX CONTACT
MPN / Reference	FMC 0,5/ 3-ST-2,54
Catalog number	1821106
Category	Cable connector
Minimum order	200 Pcs
Document ID	EO-2201B9B2F5
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: 3, number of rows: 1, number of poles: 3, number of connections: 3, 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 1821106
Packing unit 200 pc
Catalog page Page 174 (C-1-2013)
GTIN 4046356789165
Weight per Piece (excluding packing) 0.810 g
Custom tariff number 85366990
Country of origin DE (Germany)
Dimensions
Length [l] 14 mm

Width [w] 8.12 mm
Height [h] 5.35 mm
Pitch 2.54 mm
Dimension a 5.08 mm
General
Range of articles FMC 0,5/..-ST
Number of positions 3
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
Maximum load current 6 A
Insulating material LCP
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
Standards and Regulations
Connection in acc. with st...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FMC 0,5/ 3-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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