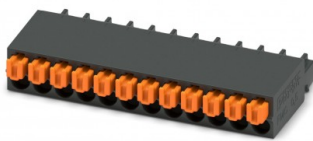


INDUSTRIAL COMPONENT DATA

FMC 0,5/12-ST-2,54 C2 1706232 PHOENIX CONTACT Plug component, Nominal current: 6 A, Rated voltage (III/2): 1..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FMC 0,5/12-ST-2,54 C2



Manufacturer	PHOENIX CONTACT
MPN / Reference	FMC 0,5/12-ST-2,54 C2
Catalog number	1706232
Category	Cable connector
Minimum order	100 Pcs
Document ID	EO-AABFDEC2FB
Generated	2026-08-03

Product Overview

Plug component, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 2.54 mm, Connection method: Push-in spring connection, Color: black, Contact surface: Gold, Fixed coding of last position; can be combined with MC(V) 0,5/...-G-2,54...C2 headers

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: 12, number of rows: 1, number of poles: 12, number of connections: 12, 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, packing type: box-packed, last pole fixed coding; can be combined with MC(V) 0.5/...-G-2.54...C2 base housings PCB connector, nominal cross section: 0.5 mm², color: black, nominal current: 6 A, rated voltage (III/2): 160 V, contact surface: Au, contact connection type: Socket, number of potentials: 12, number of rows: 1, number of positions: 12, number of connections: 12, product range: FMC 0.5/..-ST, pitch: 2.54 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, plug-in system: COMBICON FMC 0,5, locking: without, mounting: without, type of packaging: packed in cardboard, Fixed cod...

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 FMC 0,5/..-ST

Product line COMBICON Connectors XS

Type Standard

Number of positions 12

Pitch 2.54 mm

Number of connections 12

Number of rows 1

Number of potentials 12

Mounting flange without

Data management status

Article revision 05

Electrical propertiesNominal current I_N 6 A

Nominal voltage U_N 160 V

Contact resistance 2.7 m Ω

Rated voltage (III/3) 32 V

Rated surge voltage (III/3) 0.8 kV

Rated voltage (III/2) 160 V

Rated surge voltage (III/2) 2.5 kV

Rated voltage (II/2) 160 V

Rated surge voltage (II/2) 1.5 kV

Connection dataConnection technology

Type Standard

Connector system COMBICON FMC 0,5

Nominal cross section 0.5 mm²

Contact connection type Socket

Interlock

Locking type without

Mounting flange without

Conductor connection

Connection method Push-in spring connection

Conductor/PCB connection direction 0 °

Conductor cross section rigid 0.14 mm² ... 0.5 mm²

Conductor cross section flexible 0.14 mm² ... 0.5 mm²

Conductor cross section AWG 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

Cylindrical gauge a x b / diameter - / 1.0 mm

Stripping length 7 mm

Specifications for ferrules without insulating collar

recommended crimping tool 1212034 CRIMPFOX 6

Specifications for ferrules with insulating collar

recommended crimping tool 1212034 CRIMPFOX 6

Material specifi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FMC 0,5/12-ST-2,54 C2 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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