

INDUSTRIAL COMPONENT DATA

FMC 0,5/ 6-ST-2,54 C1 1706258 PHOENIX CONTACT Plug component, Nominal current: 6 A, Rated voltage (III/2): 1..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FMC 0,5/ 6-ST-2,54 C1



Manufacturer	PHOENIX CONTACT
MPN / Reference	FMC 0,5/ 6-ST-2,54 C1
Catalog number	1706258
Category	Cable connector
Minimum order	200 Pcs
Document ID	EO-1ABE28F983
Generated	2026-08-05

Product Overview

Plug component, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 2.54 mm, Connection method: Push-in spring connection, Color: black, Contact surface: Gold, Fixed coding of the first position, can be combined with MC(V) 0,5/...-G-2,54...C1 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: 6, number of rows: 1, number of poles: 6, number of connections: 6, 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, locking: without, fixing type: without, packing type: box-packed, first pole fixed coding; can be combined with MC(V) 0.5/...-G-2.54...C1 base housings

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

Dimensions

Length 15.4 mm

Height 5.4 mm

Width 15.7 mm

Pitch 2.54 mm

Dimension a 12.7 mm

General

Range of articles FMC 0,5/...-ST

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 I_N 6 A
Nominal cross section 0.5 mm²
Insulating material LCP
Flammability rating according to UL 94 V0
Stripping length 7 mm
Number of positions 6
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

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FMC 0,5/ 6-ST-2,54 C1 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.