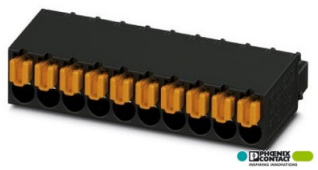
INDUSTRIAL COMPONENT DATA

FMC 0,5/16-ST-2,54 C1 1706245 PHOENIX CONTACT Plug component, Nominal current: 6 A, Rated voltage (III/2): 1..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FMC 0,5/16-ST-2,54 C1



Manufacturer	PHOENIX CONTACT
MPN / Reference	FMC 0,5/16-ST-2,54 C1
Catalog number	1706245
Category	Cable connector
Minimum order	100 Pcs
Document ID	EO-D1846E50AC
Generated	2026-11-18

Product Overview

Plug component, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 16, 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: 16, number of rows: 1, number of poles: 16, number of connections: 16, article family: 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 41.1 mm
Pitch 2.54 mm
Dimension a 38.1 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 IN 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 16
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 0,5/16-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

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