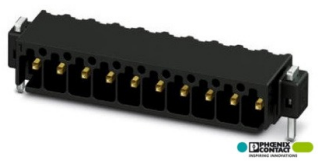
INDUSTRIAL COMPONENT DATA

MC 0,5/10-G-2,54 SMDR44C2 1706122 PHOENIX CONTACT Header, Nominal current: 6 A, Rated voltage (III/2): 160 V..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MC 0,5/10-G-2,54 SMDR44C2



Manufacturer	PHOENIX CONTACT
MPN / Reference	MC 0,5/10-G-2,54 SMDR44C2
Catalog number	1706122
Category	Printed circuit board connector
Minimum order	465 Pcs
Document ID	EO-F6AABDEF13
Generated	2026-11-19

Product Overview

Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 10, Pitch: 2.54 mm, Color: black, Contact surface: Gold, Mounting: Taped SMD/THT/THR components, Fixed coding of the last position, can be combined with the FMC 0,5/...-ST-2,54 C2 connector
Printed circuit board base housing, nominal section: 0.5 mm², color: black, nominal current: 6 A, dimensioning voltage (III/2): 160 V, contact surface: Gold, contact type: Male, Number of potentials: 10, Number of rows: 1, Number of poles per row: 10, number of connections: 10, family of articles: MC 0.5/.. -G-SMD, pitch: 2.54 mm, mounting: SMD welding, pin arrangement: Linear pad geometry, Stecksystem: MICRO COMBICON - FMC 0.5, Lock: without, packaging type: 44 mm wide strap, Fixed last pole coding, can be combined with FMC 0.5/...-ST-2.54 C2 connector

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 7.1 mm
Pitch 2.54 mm
Dimension a 22.86 mm
Width 29.94 mm
Height 4.8 mm
Pin dimensions 0,64 x 0,64 mm
General

Range of articles MC 0,5/..-G-SMD
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
Insulating material LCP
Flammability rating according to UL 94 V0
Color black
Number of positions 10

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MC 0,5/10-G-2,54 SMDR44C2 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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