

INDUSTRIAL COMPONENT DATA

SAMPLE MC 0,5/ 6-G-2,54 SMD 1706637 PHOENIX CONTACT

Sample set

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAMPLE MC 0,5/ 6-G-2,54 SMD



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAMPLE MC 0,5/ 6-G-2,54 SMD
Catalog number	1706637
Category	Printed circuit board connector
Minimum order	5 Pcs
Document ID	EO-F8E3175566
Generated	2026-08-03

Product Overview

Sample set

Printed circuit board base housing, nominal section: 0.5 mm², color: black, nominal current: 6 A, nominal voltage (III/2): 160 V, contact surface: Gold, contact type: Male, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, family of articles: MC 0.5/.. -G-SMD, pitch: 2.54 mm, mounting: SMD soldering, pin arrangement: Linear pin arrangement, pin length [P]: 2 mm, number of solder pins per potential: 1, plug-in system: COMBICON FMC 0.5, Plug-in face orientation: Standard, locking: 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)
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Additional Product Information

Header, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 6, pitch: 2.54 mm, color: black, contact surface: Gold, mounting: SMD soldering

Your advantages

Designed for integration into the SMT soldering processAdditional solder anchors reduce the mechanical strain on the soldering spotsGold-plated contacts ensure transfer quality remains stable over the long termSupplied in tape-on-reel packing according to IEC 60286-3 for automated mountingKey Commercial Data

Orderkey 1706637

Packing unit 1

GTIN 4046356869737

Custom tariff number 85366930

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 6

Standards and Regulations

Connection in acc. with standard EN-VDE

Flammability rating according to UL 94 V0

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

eCl@ss

eCl@ss 4.0 27141109

eCl@ss 4.1 27141109

eCl@ss 5.0 27141190

eCl@ss 5.1 27141190

eCl@ss 6.0 27261101

eCl@ss 7.0 27440402

eCl@ss 8.0 27440402

eCl@ss 9.0 27440402

ETIM

ETIM 4.0 EC002643

ETIM 5.0 EC002637

ETIM 6.0 EC002637

UNSPSC

UNSPSC 6.01 30211801....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAMPLE MC 0,5/ 6-G-2,54 SMD 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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