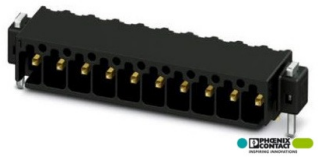
INDUSTRIAL COMPONENT DATA

SAMPLE MC 0,5/ 6-G-2,54P20THR 1706632 PHOENIX CONTACT Sample set

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAMPLE MC 0,5/ 6-G-2,54P20THR



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAMPLE MC 0,5/ 6-G-2,54P20THR
Catalog number	1706632
Category	Printed circuit board connector
Minimum order	5 Pcs
Document ID	EO-E9E3F87DE0
Generated	2026-11-19

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-THR, pitch: 2.54 mm, mounting: Solder THR, 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)

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: THR 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 1706632
Packing unit 1
GTIN 4046356869713
Custom tariff number 85366930

General
Range of articles MC 0,5/..-G-THR
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-2,54P20THR 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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