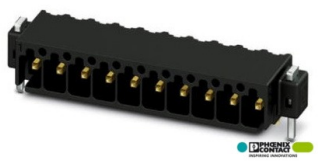
INDUSTRIAL COMPONENT DATA

MC 0,5/ 4-G-2,54 P20THRR24C2 1706204 PHOENIX CONTACT Header, Nominal current: 6 A, Rated voltage (III/2): 16..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MC 0,5/ 4-G-2,54 P20THRR24C2



Manufacturer	PHOENIX CONTACT
MPN / Reference	MC 0,5/ 4-G-2,54 P20THRR24C2
Catalog number	1706204
Category	Printed circuit board connector
Minimum order	1 Pcs
Document ID	EO-6BC05103D8
Generated	2026-11-19

Product Overview

MC 0,5/ 4-G-2,54 P20THRR24C2 1706204 PHOENIX CONTACT Header, Nominal current: 6 A, Rated voltage (III/2): 16..

STRUCTURED PRODUCT DATA

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Connector model (EF007495)	**Fixed connector**
Contact type (EF001587)	**Pin**
Number of poles (EF001391)	**4**
Number of plug-in contact rows (EF006935)	**1**
Modular spacing contacts (EF007326)	**2.54 mm**
Modular spacing connections (EF006827)	**2.54 mm**
Rated current In (EF008250)	**6 A**
Rated voltage (EF000228)	**160 V**
Rated surge voltage (EF002993)	**2.5 kV**
Over voltage category (EF006785)	**III**
Pollution degree (EF006786)	**2**
Material of contact surface (EF004020)	**Gold**
Type of electric connection (EF003961)	**Other**
Diameter connection pin (EF006823)	**1.2 mm**
Length pin (EF006825)	**2 mm**

CONTINUED

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Material insulation body (EF007543)	**Other**
Housing colour (EF000136)	**Black**
Inflammability class of insulation material according to UL94 (EF002521)	**V0**
Operating temperature (EF002393)	**-40 °C**
Type of fastening (EF002442)	**Other**
Type of banding (EF007011)	**Other**

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: 4, 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, nominal voltage (III/2): 160 V, contact surface: Gold, contact type: Male, number of potentials: 4, number of rows: 1, number of poles: 4, number of connections: 4, family of articles: MC 0.5/.. -G-THR, pitch: 2.54 mm, mounting: Weld 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, lock: without, fixing type: without, packaging type: 24 mm wide strap, Fixed coding of the last pole, can be combined with FMC 0.5/...-ST-2.54 C2 connector

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MC 0,5/ 4-G-2,54 P20THRR24C2 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.