

INDUSTRIAL COMPONENT DATA

SACC-CI-M12FS-5CON-L180-THR 1551448 PHOENIX CONTACT Flush-type connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-CI-M12FS-5CON-L180-THR



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACC-CI-M12FS-5CON-L180-THR
Catalog number	1551448
Category	Contact insert for circular connectors
Minimum order	60 Pcs
Document ID	EO-003575ABD4
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Product Overview

Flush-type connector

Plug-in Mounting Connector, 5-Pole, Female Connection, Straight, M12, Coding: A , Printed Circuit Board Mounting, THR Solder Connection, RoHS II Alternative Product Without Exception 6c (Pb< 0.1%) Item Code: 1237396

Contact carrier, 5-position, Socket, straight, M12, coding: A, PCB mounting, THR solder connection, Alternative product in accordance with RoHS II without Exemption 6c (Pb

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 > Field Device Connectors (FDC)
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Additional Product Information

Technical dataNotesNotes on operation The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.

Product propertiesProduct type Contact insert

Application Signal

Number of positions 5

Seal present yes

Shielded no

Coding A

Thread type M12

Data management status

Article revision 05

Insulation characteristics

Overvoltage category III

Degree of pollution 3

Electrical properties Rated surge voltage 1.5 kV

Contact resistance $\leq 3 \text{ m}\Omega$

Insulation resistance $\geq 100 \text{ M}\Omega$

Nominal voltage UN 60 V

Nominal current IN 4 A

Connection data Connection method THR solder connection

Material specifications Flammability rating according to UL 94 V0

Seal material FKM / EPDM

Contact material CuZn

Contact surface material Au

Contact carrier material PPA

Connector Connection 1

Head design Socket

Head cable outlet straight

Head thread type M12

Coding A

Cable/line Ambient temperature (operation) $-40^\circ\text{C} \dots 85^\circ\text{C}$ (cable, fixed installation)

$-25^\circ\text{C} \dots 85^\circ\text{C}$ (Cable, flexible installation)

Mechanical properties Mechanical data

Insertion/withdrawal cycles > 100

Environmental and real-life conditions Ambient conditions

Degree of protection IP67 (correctly plugged in and locked)

Ambient temperature (operation) $-25^\circ\text{C} \dots 85^\circ\text{C}$ (Plug / socket)

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-CI-M12FS-5CON-L180-THR 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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