

INDUSTRIAL COMPONENT DATA

SACC-CI-M12MS-17CON-L180 THRSH 1442081 PHOENIX CONTACT Flush-type connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-CI-M12MS-17CON-L180 THRSH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACC-CI-M12MS-17CON-L180 THRSH
Catalog number	1442081
Category	Contact insert for circular connectors
Minimum order	60 Pcs
Document ID	EO-3C6182D749
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Product Overview

Flush-type connector

Contact holder, 17-pole, Male, straight, M12, coding: A, Printed circuit board mounting, THR solder connection, Alternative product according to RoHS II without exception 6c (Pb< 0.1%) art.code: 1239764

Contact carrier, 17-position, Pin, 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)

Additional Product Information

Technical dataNotes 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 17

Shielded yes

Coding A

Thread type M12

Data management status

Article revision 08
Insulation characteristics
Overvoltage category III
Degree of pollution 3
Electrical properties Rated surge voltage 0.8 kV
Contact resistance $\leq 3 \text{ m}\Omega$
Insulation resistance $\geq 100 \text{ M}\Omega$
Nominal voltage UN 30 V
Nominal current IN 1.5 A
Connection data Connection method THR solder connection
Material specifications Flammability rating according to UL 94 V0
Contact material CuZn
Contact surface material Au
Contact carrier material PPA
Connector Connection 1
Head design Pin
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 (when plugged in) IP67 (correctly plugged in and locked)
Degree of protection IP67 (correctly plugged in and locked)
IP67
Ambient temperature (oper...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-CI-M12MS-17CON-L180 THRSH 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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