INDUSTRIAL COMPONENT DATA

SACC-CI-M12FS-8CON-L180-THR 1557808 PHOENIX CONTACT Flush-type connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-CI-M12FS-8CON-L180-THR



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACC-CI-M12FS-8CON-L180-THR
Catalog number	1557808
Category	Contact insert for circular connectors
Minimum order	60 Pcs
Document ID	EO-8342040ABC
Generated	2026-11-18

Product Overview

Flush-type connector
Plug-in Mounting Connector, 8-Pole, Connecting Female, Straight, M12, Coding: A, Printed Circuit Board Mounting, THR Solder Connection, RoHS II Alternative Product Without Exception 6c (Pb< 0.1%) Item Code: 1237434
Contact carrier, 8-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)

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 8
Seal present yes
Shielded no
Coding A
Thread type M12

Data management status
Article revision 03
Insulation characteristics
Overvoltage category III
Degree of pollution 3
Electrical propertiesRated surge voltage 0.8 kV
Contact resistance <= 3 m?
Insulation resistance >= 100 M?
Nominal voltage UN 30 V
Nominal current IN 2 A
Connection dataConnection method THR solder connection
Material specificationsFlammability rating according to UL 94 V0
Seal material FKM / EPDM
Contact material CuZn
Contact surface material Au
Contact carrier material PPA
ConnectorConnection 1
Head design Socket
Head cable outlet straight
Head thread type M12
Coding A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles > 100
Environmental and real-life conditionsAmbient 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 (operation) -25 °C ... 85 °C (Plug / socket)
-40 °C ... 85 °C (without mechanical actuation)
Standa...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-CI-M12FS-8CON-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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