INDUSTRIAL COMPONENT DATA

SACC-CI-M12FS-12CON-L90 SH 1424199 PHOENIX CONTACT Flush-type connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-CI-M12FS-12CON-L90 SH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACC-CI-M12FS-12CON-L90 SH
Catalog number	1424199
Category	Contact insert for circular connectors
Minimum order	20 Pcs
Document ID	EO-5ADD36425E
Generated	2026-11-18

Product Overview

Flush-type connector
Plug-in Mounting Connector, 12-Pole, Connecting Female, M12, Coding: A, Printed Circuit Board Mounting, Wave Soldering Contacts, Alternative product according to RoHS II without exception 6c (Pb< 0.1%) Item code: 1239456

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

Key Commercial Data
Orderkey 1424199
Packing unit 20 pc
Minimum order quantity 20 pc
Note Made to Order (non-returnable)
Catalog page Page 253 (C-2-2013)
GTIN 4046356692939
Weight per Piece (excluding packing) 5.900 g
Custom tariff number 85366990
Country of origin DE (Germany)
Ambient conditions
Ambient temperature (operation) -25 °C ... 85 °C (Plug / socket)
-40 °C ... 85 °C (without mechanical actuation)

Degree of protection IP67
General
Note 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.
Rated current at 40°C 1.5 A
Rated voltage 30 V
Rated surge voltage 0.8 kV
Number of positions 12
Insulation resistance >= 100 M?
Coding A - standard
Standards/regulations M12 connector IEC 61076-2-101
Status display No
Overvoltage category III
Degree of pollution 3
Connection method Solder pins
Insertion/withdrawal cycles > 100
Torque 3 Nm ... 4 Nm (Installation-side)
Mounting type PCB mounting
Material
Flammability rating according to UL 94 V0
Contact material CuZn
Contact surface material Au
Contact carrier material PA6T
Sealing material FKM
Cable
Conductor cross section 0.14 mm²
Conductor structure signal line 7x 0.16 mm
Core diameter including insulation 1.1 mm ±0.05 mm
Thickness, insulation 0.21 m...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-CI-M12FS-12CON-L90 SH 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.