SACC-CI-M12FS-12CON-L90 - Contact carrier

1424195

https://www.phoenixcontact.com/us/products/1424195

PHŒNIX CONTACT

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Contact carrier, 12-position, Socket, angled, M12, coding: A, PCB mounting, Wave soldering, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239452

Your advantages

- Reduced mounting costs thanks to two-piece device connector
- All common pin assignments and codings available
- Easy device integration thanks to mechanical port screw connections with threaded attachment, press-in contour or direct integration in the front plate
- Additional gasket for the device when not plugged in

Commercial data

Item number	1424195
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	AB23
Product key	ABQAHS
Catalog page	Page 253 (C-2-2013)
GTIN	4046356692892
Weight per piece (including packing)	6.27 g
Weight per piece (excluding packing)	6.01 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Notes

General	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 properties

Product type	Contact insert
Number of positions	12
Application	Signal
Seal present	yes
Shielded	no
Coding	A
Thread type	M12

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	0.8 kV
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U_N	30 V
Nominal current I_N	1.5 A

Connection data

Connection method	Wave soldering

Signaling

Status display	No
Status display present	No

Material specifications

Flammability rating according to UL 94	V0
Seal material	FKM
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 6T

Connector

Connection 1

Head design	Socket
Head cable outlet	angled
Head thread type	M12
Coding	A

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	> 100

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
	IP67
Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
	-40 °C ... 85 °C (without mechanical actuation)

Standards and regulations

M12

Standard designation	M12 connector
Standards/specifications	IEC 61076-2-101

Mounting

Mounting type	PCB mounting

Packaging specifications

Type of packaging	Blister

Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

ETIM

ETIM 9.0	EC002635

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

REACh SVHC	Lead 7439-92-1

China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"