SACC-CI-M12FSY-8P SMD SH-SP - Sample set

1418638

https://www.phoenixcontact.com/us/products/1418638

Sample set, Universal, 8-position, Socket, straight, M12, coding: Y, PCB mounting, SMD, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239203

Commercial data

Item number	1418638
Packing unit	5 pc
Minimum order quantity	5 pc
Product key	ABQXAA
GTIN	4055626162928
Weight per piece (including packing)	10.2 g
Weight per piece (excluding packing)	10.16 g
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
Sensor type	Universal
Number of positions	8
Application	Hybrid
Shielded	yes
Coding	Y
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 (Power and data)
Nominal current I_N	0.5 A (Data)
	6 A (Power)
Transmission characteristics (category)	CAT5 (IEC 11801:2002)

Connection data

Connection method	SMD

Interfaces

Signal type/category	Universal

Material specifications

Material	Zinc die-cast, nickel-plated
Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA

Connector

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Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	M12
Coding	Y

Cable/line

Signal type/category	Universal

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, when plugged in
Ambient temperature (operation)	-25 °C ... 105 °C
	-55 °C ... 105 °C (without mechanical actuation)

Mounting

Mounting type	PCB mounting

Classifications

ECLASS

ECLASS-11.0	27440223
ECLASS-12.0	27440223
ECLASS-13.0	27440223

ETIM

ETIM 9.0	EC003557

UNSPSC

UNSPSC 21.0	39121400

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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"