SACC-CIP-M8FSB-5P SMD SH-SP - Sample set

1418661

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Sample set, Universal, 5-position, Socket, straight, M8, coding: B, PCB mounting, SMD, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239217

Commercial data

Item number	1418661
Packing unit	5 pc
Minimum order quantity	5 pc
Product key	ABQXAA
GTIN	4055626163062
Weight per piece (including packing)	8.06 g
Weight per piece (excluding packing)	6.71 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	5
Seal present	yes
Shielded	yes
Coding	B
Thread type	M8

Insulation characteristics

Overvoltage category	III

Electrical properties

Contact resistance	≤ 3 mΩ
Insulation resistance	≤ 100 MΩ
Nominal voltage U_N	30 V
Nominal current I_N	3 A

Connection data

Connection method	SMD

Interfaces

Signal type/category	Universal

Material specifications

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

Connector

Connection 1

Head design	Socket
Head cable outlet	straight

Head thread type	M8
Coding	B

Cable/line

Signal type/category	Universal

Environmental and real-life conditions

Ambient conditions

Degree of protection (when plugged in)	IP67 (correctly plugged in and locked)
Degree of protection (not plugged in)	IP65 (not plugged in, by means of additional O-ring seal with device)
Degree of protection	IP67
Ambient temperature (operation)	-25 °C ... 105 °C (Plug / socket)
	-40 °C ... 105 °C (without mechanical actuation)

Standards and regulations

M8

Standard designation	M8 connector
Standards/specifications	IEC 61076-2-104

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

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"