

# SACC-BP-F-M12/SMD-1,6/2,3-9TIP - Housing screw connection



1419570

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Housing screw connection, Socket, M12-Screw locking mechanism, this item is expected to be lead-free from Q1 2027 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance

## Your advantages

- Tolerance-compensating function between PCB and housing
- Prevents force being applied to soldering spots
- Easy integration thanks to tool-free mounting
- Optional port sealing without protective cap

## Commercial data

Item number	1419570
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AB23
Product key	ABQBBDG
GTIN	4055626207056
Weight per piece (including packing)	8.77 g
Weight per piece (excluding packing)	8.24 g
Customs tariff number	79070000
Country of origin	DE

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## Technical data

### Notes

Notes 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.
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### Product properties

Product type	Circular connector housing
Thread type	M12

### Material specifications

Material	Die-cast zinc, nickel-plated (Threaded sleeve)
Material Seal	FKM (Molded seal)
Flammability rating according to UL 94	V0

### Connector

#### Connection 1

Head design	Socket
Head thread type	M12
Head locking type	Screw locking mechanism

### 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)
Ambient temperature (operation) (male connector/female connector)	-25 °C ... 85 °C (Plug / socket) -40 °C ... 85 °C (without mechanical actuation)
UL Type Rating	Type 4 (indoor use only)

### Standards and regulations

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

### Mounting

Mounting type	Rear mounting
Assembly note	2-section, lockable

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## Classifications

### ECLASS

ECLASS-13.0	27440224
ECLASS-15.0	27440224

### ETIM

ETIM 10.0	EC003556
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### UNSPSC

UNSPSC 21.0	31171600
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	d511ff79-1491-495e-ba45-64aacef202a2

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