

1419697

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Fixing sleeve for M12 housing screw connection with tolerance-compensating function, for THR solderable M12 socket contact inserts.

Commercial data

Item number	1419697
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AB23
Product key	ABQADG
GTIN	4055626189468
Weight per piece (including packing)	1.99 g
Weight per piece (excluding packing)	1.344 g
Customs tariff number	39269097
Country of origin	DE

SACC-BP-F-FIX/NUT-BK-THR - Fixing sleeve



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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

Connection data

Connection method	THR solder connection
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Material specifications

Color	black (Fixing sleeve)
Material	PA 6.6 (Fixing sleeve)
Flammability rating according to UL 94	V0
Seal material	FKM

Connector

Connection 1

Head design	Socket
Head thread type	M12

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	> 100
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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 in locked state
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

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Mounting

Mounting type	Rear mounting 2-section, lockable
Assembly note	2-section, lockable

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Classifications

ECLASS

ECLASS-13.0	27440224
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ETIM

ETIM 9.0	EC003556
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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