

SACC-BP-F-M12/M15-6-THR WNO - Housing screw connection



1070297

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Housing screw connection, Socket, M12-Screw locking mechanism, THR solder connection

Your advantages

- Easy device integration, thanks to mechanical port screw connections with threaded fastening
- Flexible PCB assembly: two-piece connectors for wave and THR soldering

Commercial data

Item number	1070297
Packing unit	20 pc
Minimum order quantity	100 pc
Note	Made to order (non-returnable)
Product key	ABQADE
GTIN	4055626749709
Weight per piece (including packing)	8.233 g
Weight per piece (excluding packing)	6.99 g
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

Connection data

Connection method	THR solder connection
Tightening torque	1.5 ... 2 Nm

Material specifications

Material Housing	GD-Zn
Material Housing surface	Ni

Connector

Connection 1

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

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)
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 (M15 x 1)
Assembly note	Spacing between the top edge of the PCB and the back of the front plate: 6 mm

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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, No exemptions
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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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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com