SACC-BP-F-M12/M16-7-THR-PPI - Housing screw connection

1233780

https://www.phoenixcontact.com/us/products/1233780

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Housing screw connection, Socket, M12, Rear mounting, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb <0.1%)

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	1233780
Packing unit	1 pc
Minimum order quantity	20 pc
Sales key	AB23
Product key	ABQABF
GTIN	4063151335892
Weight per piece (including packing)	15.4 g
Weight per piece (excluding packing)	15 g
Customs tariff number	74198090
Country of origin	DE

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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.
General	Lock nut is included in the scope of delivery

Product properties

Product type	Panel mounting base

Material specifications

Material	Brass, nickel-plated
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Flammability rating according to UL 94	V0
Seal material	FKM
	FKM
Material for screw connection	Brass, nickel-plated

Connector

Connection 1

Head design	Socket
Head thread type	M12

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 in locked state
	IP65, when in locked state
Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
	-40 °C ... 85 °C (without mechanical actuation)

Standards and regulations

M12

Standard designation	M12 connector

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Standards/specifications	IEC 61076-2-010
Note	In line with

Mounting

Mounting type	Rear mounting Spacing between the top edge of the PCB and the back of the front plate: 7 mm
Assembly instructions	Spacing between the top edge of the PCB and the back of the front plate: 7 mm

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Classifications

ECLASS

ECLASS-11.0	27440224
ECLASS-12.0	27440224
ECLASS-13.0	27440224

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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Accessories

SACC-M16-NUT - Flat nut

1312511

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Flat nut, M16

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