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

1414004

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Housing screw connection, Socket, M12, Rear mounting, M15 x 1, THR solder connection, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239056

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	1414004
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	AB23
Product key	ABQADE
GTIN	4055626022611
Weight per piece (including packing)	10.04 g
Weight per piece (excluding packing)	9.66 g
Customs tariff number	79070000
Country of origin	DE

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.
Order information:	Lock nut is included in the scope of delivery

Product properties

Product type	Panel mounting base
Application	Railway applications
Thread type	M12

Data management status

Article revision	06

Connection data

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

Material specifications

Material	Zinc die-cast (nickel-plated)
Material	Brass, nickel-plated (Locking nut)
Seal material	FKM
	FKM
Material for screw connection	Zinc die-cast, 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

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket) -40 °C ... 85 °C (without mechanical actuation)

Standards and regulations

M12

Standard designation	M12 connector
Standards/specifications	IEC 61076-2-101
Note	In line with
Standard designation	Shock, vibration
Standards/specifications	EN 50155

Mounting

Mounting type	Rear mounting M15 x 1 Spacing between the top edge of the PCB and the back of the front plate: 6 mm
Assembly note	Spacing between the top edge of the PCB and the back of the front plate: 6 mm

Classifications

ECLASS

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

ETIM

ETIM 9.0	EC002943

UNSPSC

UNSPSC 21.0	31171600

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	251a8f37-3bd7-44e0-b7e1-890661d447e3

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Accessories

SACC-M15-NUT - Flat nut

1075209

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Flat nut, Screw mounting, M15 x 1, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1238276

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