SACC-FP-M-M12/M14 THR PW - Housing screw connection

1420824

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Housing screw connection, Pin, M12-Screw locking mechanism, THR and wave soldering, 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
- Efficient PCB assembly: two-piece connectors for THR soldering

Commercial data

Item number	1420824
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AB23
Product key	ABQACE
GTIN	4055626280516
Weight per piece (including packing)	7.87 g
Weight per piece (excluding packing)	7.676 g
Customs tariff number	85366990
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.

Product properties

Product type	Circular connector housing
Thread type	M12

Connection data

Connection method	THR and wave soldering
Tightening torque	1.5 ... 2 Nm

Material specifications

Material	Brass, nickel-plated
Flammability rating according to UL 94	V0

Connector

Connection 1

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

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) (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 61076-2-111

Mounting

Mounting type	Front mounting (M14 x 1)

Classifications

ECLASS

ECLASS-13.0	27440224
ECLASS-15.0	27440224

ETIM

ETIM 10.0	EC003556

UNSPSC

UNSPSC 21.0	39121400

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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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com