

1439890

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Contact carrier, 5-position, Pin, angled, M12-SPEEDCON, coding: A, PCB mounting, Wave soldering, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239692

Your advantages

- · Reduced mounting costs thanks to two-piece device connector
- · All common pin assignments and codings available
- Easy device integration thanks to mechanical port screw connections with threaded attachment, press-in contour or direct integration in the front plate
- Additional gasket for the device when not plugged in

Commercial data

Item number	1439890
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	AB23
Product key	ABQAHA
Catalog page	Page 252 (C-2-2013)
GTIN	4046356476621
Weight per piece (including packing)	5.26 g
Weight per piece (excluding packing)	4.845 g
Customs tariff number	85366990
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.

Product properties

Product type	Contact insert
Number of positions	5
Application	Signal
Seal present	yes
Shielded	yes
Coding	A
Thread type	M12

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	1.5 kV
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U _N	60 V
Nominal current I _N	4 A

Connection data

Connection method Wave soldering

Material specifications

Flammability rating according to UL 94	V0
Seal material	FKM / EPDM
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 6.6

Connector

Connection 1

Head design	Pin
Head cable outlet	angled
Head thread type	M12



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Head locking type	SPEEDCON
Coding	A
Mechanical properties	
Mechanical data	
Insertion/withdrawal cycles	> 100
Environmental and real-life conditions	
Ambient conditions	
Degree of protection	IP67
	IP67
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
Mounting	
Mounting type	PCB mounting
Packaging specifications	
Type of packaging	Blister



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Classifications

UNSPSC 21.0

ECLASS

	ECLASS-11.0	27440102	
	ECLASS-12.0	27440116	
	ECLASS-13.0	27460201	
ET	ETIM		
	ETIM 9.0	EC002635	
UNSPSC			

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Environmental product compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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