

1409464

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Device connector rear mounting, 5-position, Pin, straight, M12, coding: A, Rear mounting, Wave soldering, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1238819

Your advantages

- · Easy PCB assembly: one-piece connectors for wave soldering
- · All standard pin assignments and codings for signal, data, and power transmission with a uniform design-in design

Commercial data

Item number	1409464
Packing unit	20 рс
Minimum order quantity	20 рс
Sales key	AB26
Product key	ABQEGL
GTIN	4046356893541
Weight per piece (including packing)	14.96 g
Weight per piece (excluding packing)	14.29 g
Customs tariff number	85366990
Country of origin	DE



1409464

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

Mounting

Mounting type	Rear mounting

Product properties

P	Product type	Circular connectors (device side)
N	Number of positions	5
S	Shielded	no
C	Coding	A
Т	Thread type	M12
Insu	ulation characteristics	
C	Overvoltage category	II
C	Degree of pollution	3
Mater	rial specifications	
F	Flammability rating according to UL 94	V0
Electr	rical properties	
N	Nominal voltage U _N	60 V
N	Nominal current I _N	4 A

Connection data

Conductor connection	
Connection method	Wave soldering
Contact connection type	Pin
Tightening torque	2 Nm 3 Nm

Connector

Connection 1		
Head design	Pin	
Head cable outlet	straight	
Head thread type	M12	
Coding	A	



1409464

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Environmental and real-life conditions

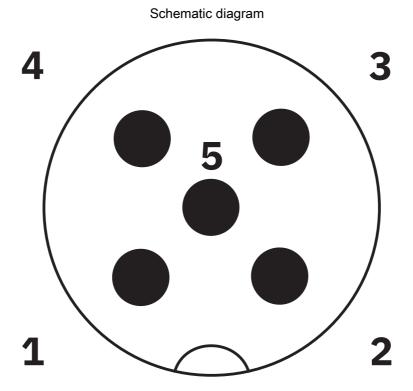
	Ambient conditions	
	Degree of protection	IP65/IP67
Sta	andards and regulations	
	Standard designation M12 connector	
	Standard designation	M12 connector



1409464

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Drawings



Pin assignment M12 male connector, 5-pos., A-coded, male side



1409464

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Approvals

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.91	cUL Recognized Approval ID: E118976-20	0100522			
		Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
		60 V	4 A	22 - 22	-
F 1	UL Recognized Approval ID: E118976-20	100522			
		Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
		60 V	4 A	22 - 22	-
c 91 us	cULus Recogniz Approval ID: E221474				
c 91 us			Nominal current I _N	Cross section AWG	Cross section mm ²

cULus Recognized

SACC-DSI-M12MS-5CON-PG9-L180 - Device

connector rear mounting



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Classifications

ECLASS		
ECLASS-13.0	27440109	
ETIM		
ETIM 9.0	EC002635	
UNSPSC		
UNSPSC 21.0	39121400	



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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 "Manufacture 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	0c8449a2-a429-42d7-a355-e8600eb04765

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