

SACC-DSIV-M12MS-5CON-L180 SH ST X - Device connector rear mounting

1396611

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Device connector rear mounting, 5-position, Pin, straight, M12, A-coding, Wave soldering



Your advantages

- Standard pin assignments and codings for signal and data transmission with a uniform design-in design
- Easy PCB mounting: two-piece connectors for wave soldering
- Secure assembly: locking clips for fixing onto the PCB
- Sustainable and future-proof: lead-free in accordance with RoHS II without Exemption 6c
- Worldwide availability through global distribution channels

Commercial data

Item number	1396611
Packing unit	10 pc
Minimum order quantity	10 pc
Note	Made to order (non-returnable)
Sales key	AB23
Product key	ABQEGA
GTIN	4063151781507
Weight per piece (including packing)	11.91 g
Weight per piece (excluding packing)	11.82 g
Customs tariff number	85366990
Country of origin	CN

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Technical data

Mounting

Mounting type	Rear mounting (M12 x 1, with locking nut)
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Product properties

Product type	Circular connectors (device side)
Number of positions	5
Shielded	yes
Coding	A
Thread type	M12

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Material Housing	Zinc alloy
Material Contact carrier	PA 10T
Material Contact	Copper alloy
Material Contact surface	Ni/Au
Material Seal	FKM
Flammability rating according to UL 94	V-0

Electrical properties

Rated surge voltage	1.5 kV
Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage U_N	60 V
Nominal current I_N	4 A

Connection data

Conductor connection

Connection method	Wave soldering
Contact connection type	Pin

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	> 100
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Connector

Connection 1

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

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation) (male connector/female connector)	-25 °C ... 85 °C
UL Type Rating	Type 4 (indoor use only)

Standards and regulations

Standard designation	M12 circular connector
Standards/specifications	according to IEC 61076-2-101

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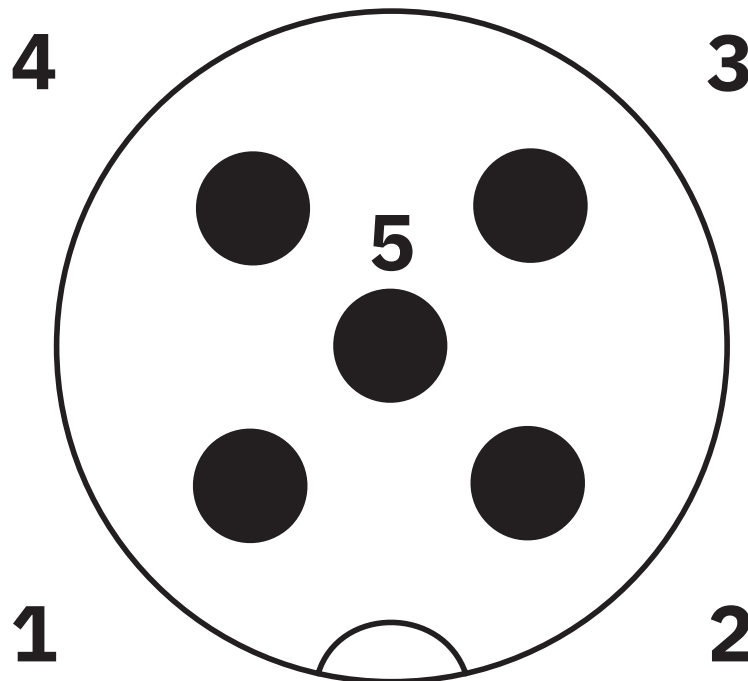


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Drawings

Schematic diagram



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

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Approvals

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 cULus Recognized Approval ID: E529600-20230307				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	60 V	4 A	22	-

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Classifications

ECLASS

ECLASS-13.0	27440110
ECLASS-15.0	27440110

ETIM

ETIM 10.0	EC003568
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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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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