

SACC-DSIV-M12FSB-5CON-L 90 - Device connector rear mounting

1527870
<https://www.phoenixcontact.com/us/products/1527870>

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Device connector rear mounting, 5-position, Socket, angled, M12, coding: B, Rear mounting, M12 x 1, Wave soldering

Commercial data

Item number	1527870
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AB23
Product key	ABQEHI
Catalog page	Page 60 (PC-2011)
GTIN	4046356011402
Weight per piece (including packing)	14.57 g
Weight per piece (excluding packing)	11.1 g
Customs tariff number	85366990
Country of origin	HU

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Technical data

Mounting

Mounting type	Rear mounting M12 x 1 With locking nut
Assembly note	With locking nut

Product properties

Product type	Circular connectors (device side)
Number of positions	5
Shielded	no
Coding	B
Thread type	M12

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Flammability rating according to UL 94	HB
Seal material	NBR
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 6.6
Material for screw connection	Brass, nickel-plated

Electrical properties

Contact resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage U_N	125 V
Nominal current I_N	4 A

Connection data

Conductor connection

Connection method	Wave soldering
Contact connection type	Socket

Connector

Connection 1

Head design	Socket
Head cable outlet	angled
Head thread type	M12
Coding	B

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Environmental and real-life conditions

Ambient conditions	
Degree of protection	IP67
	IP67
Ambient temperature (operation)	-40 °C ... 85 °C (Plug / socket)

Standards and regulations

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

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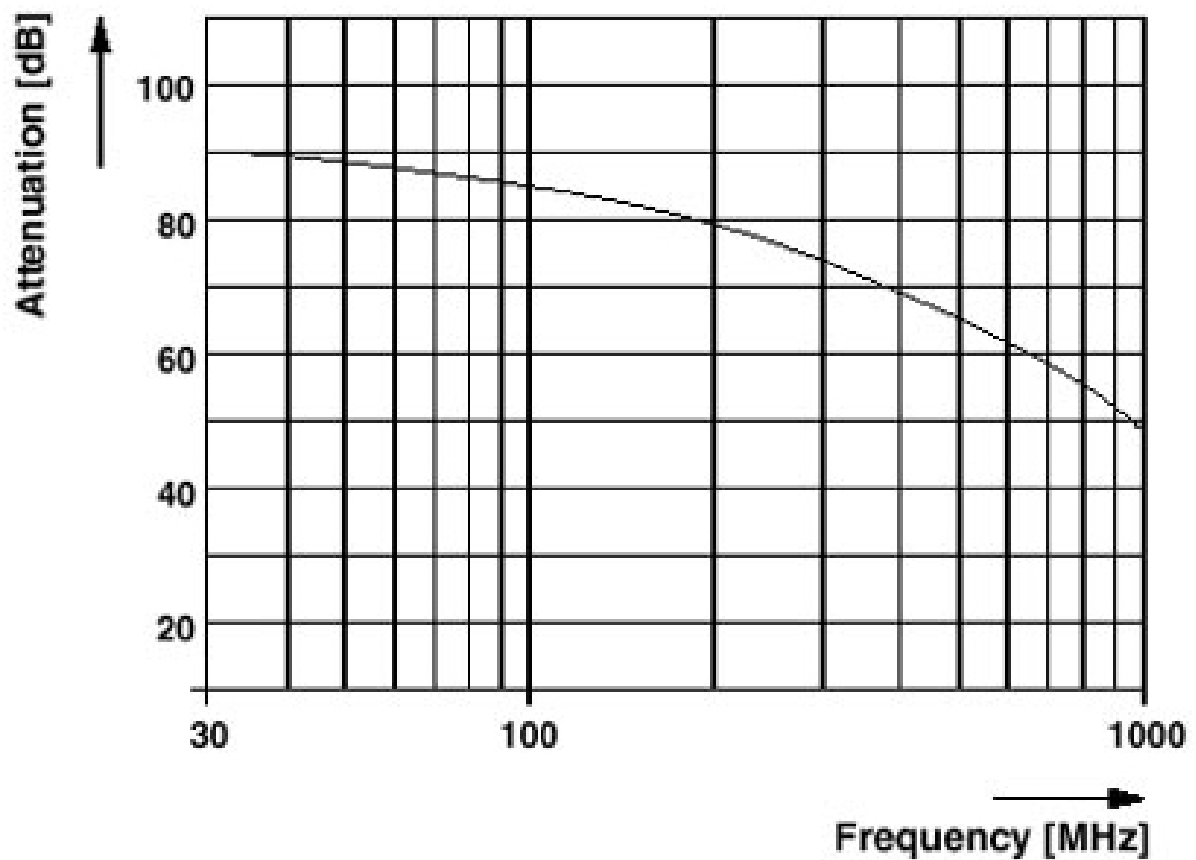


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Drawings

Diagram



Attenuation curve of the SACC... male/female connectors

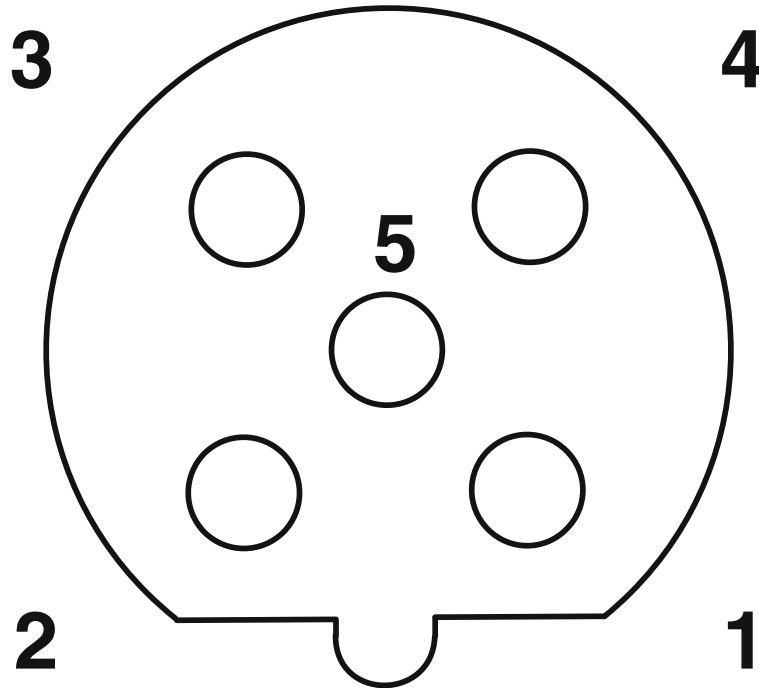
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Schematic diagram



Pin assignment M12 socket, 5-pos., B-coded, female side

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1527870>

	cUL Recognized Approval ID: FILE E 221474			
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	60 V	4 A	-	-

	UL Recognized Approval ID: FILE E 221474			
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	60 V	4 A	-	-

	UL Recognized Approval ID: E221474-20070307			
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	60 V	4 A	-	-

	cUL Recognized Approval ID: E221474-20070307			
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	60 V	4 A	-	-

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Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

ETIM

ETIM 9.0	EC002635
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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 "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	b95f2527-9ff9-47d9-b63b-de58afdb4dd5

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