

SACC-DSIV-M12MS-5CON-L 90 - Device connector,
rear mounting

1694224
<https://www.phoenixcontact.com/pc/products/1694224>

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



Commercial data

Item number	1694224
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	02
Product key	ABQEGI
Catalog page	Page 60 (PC-2011)
GTIN	4017918177508
Weight per piece (including packing)	12.03 g
Weight per piece (excluding packing)	11.64 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 instructions	With locking nut
Connection method	Wave soldering

Product properties

Product type	Circular connectors (device side)
Number of positions	5
Shielded	no
Coding	A
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	$\leq 5 \text{ m}\Omega$
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

Connector

Connection 1

Head design	Pin
Head cable outlet	angled
Head thread type	M12

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Coding	A
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
	IP67
Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)

Standards and regulations

M12

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

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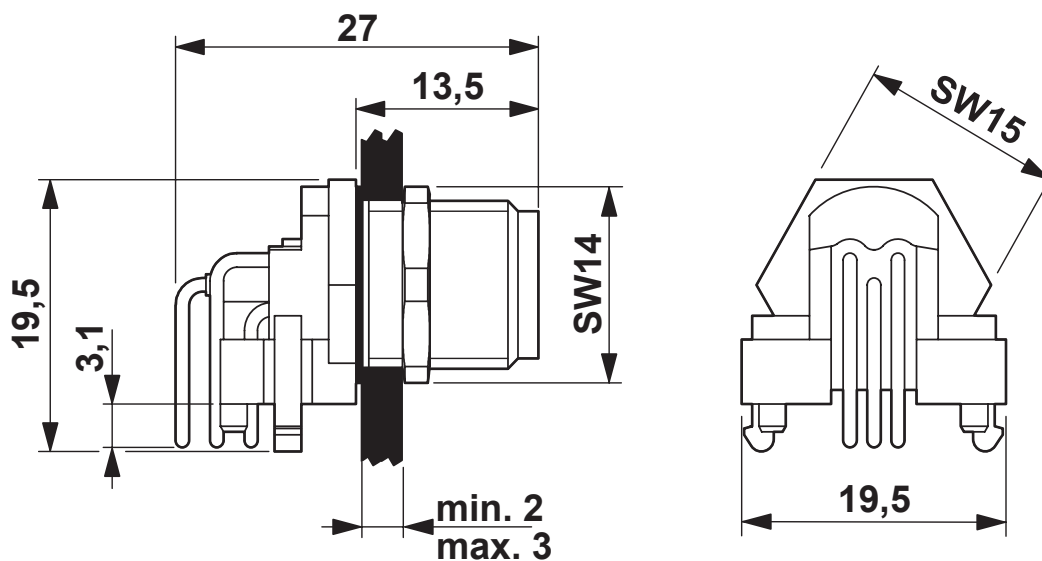


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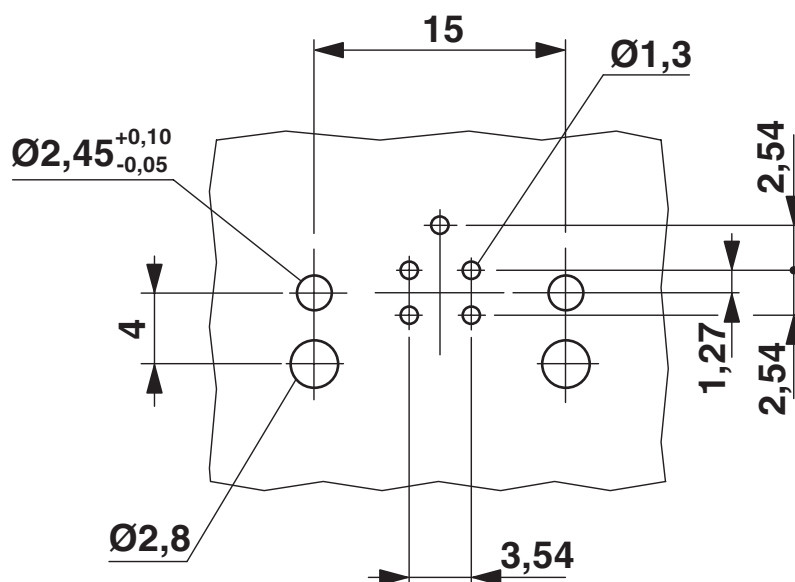
Drawings

Dimensional drawing



Dimensional drawing

Drilling plan/solder pad geometry



M12 flush-type connector

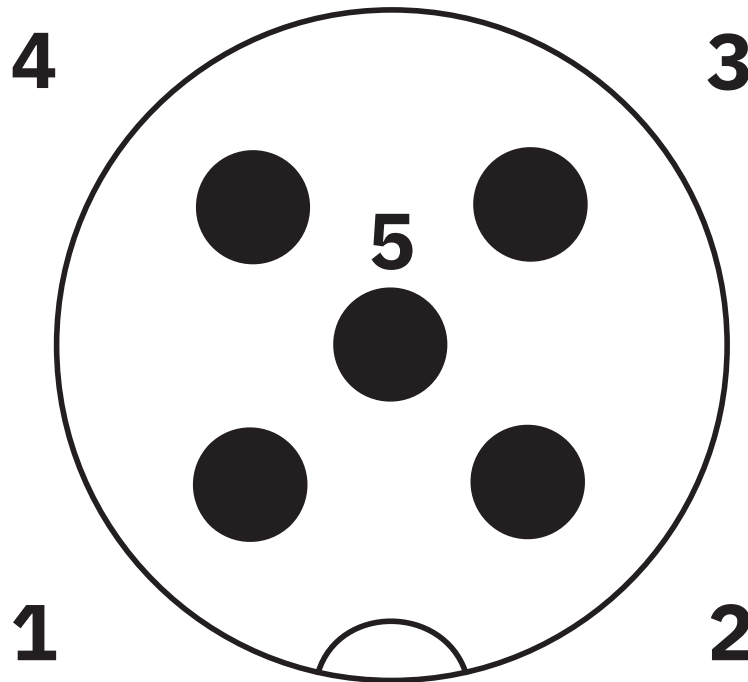
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Schematic diagram



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

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/1694224>

 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	-	-

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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

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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