

https://www.phoenixcontact.com/us/products/1551464

**PHŒNIX** CONTACT

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Contact carrier, 5-position, Socket, straight, M12, coding: A, PCB mounting, Solder connection, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239983

### Your advantages

- · Reduced mounting costs thanks to two-piece device connector
- 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	1551464
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	AB23
Product key	ABQAGS
Catalog page	Page 254 (C-2-2013)
GTIN	4046356153669
Weight per piece (including packing)	4.815 g
Weight per piece (excluding packing)	4.4 g
Customs tariff number	85366990
Country of origin	DE

1551464

https://www.phoenixcontact.com/us/products/1551464

## **DPHŒNIX** CONTACT

## 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		
Seal present	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 <sub>N</sub>	60 V		
Nominal current I <sub>N</sub>	4 A		
Connection data			
Connection method	Solder connection		
Signaling			
Status display	No		
Status display present	No		
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 Socket



#### 1551464

https://www.phoenixcontact.com/us/products/1551464

Head cable outlet	straight		
Head thread type	M12		
Coding	A		
Mechanical properties			
Mechanical data			
Insertion/withdrawal cycles	> 100		
Environmental and real-life 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			
Standard designation	M12 connector		
Standards/specifications	IEC 61076-2-101		
Mounting			
Mounting type	PCB mounting		

1551464

https://www.phoenixcontact.com/us/products/1551464



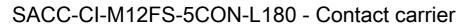
## Classifications

#### ECLASS

ECLASS-12.0 27440116 27460201	ECLASS-11.0	27440102
ECLASS 13.0 27460201	ECLASS-12.0	27440116
21400201	ECLASS-13.0	27460201

#### ETIM

	ETIM 9.0	EC002635	
UNSPSC			
	UNSPSC 21.0	39121400	



1551464

https://www.phoenixcontact.com/us/products/1551464



## 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"

Phoenix Contact 2024 © - all rights reserved https://www.phoenixcontact.com

Phoenix Contact USA 586 Fulling Mill Road Middletown, PA 17057, United States (+717) 944-1300 info@phoenixcon.com