

1521602

<https://www.phoenixcontact.com/us/products/1521602>

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Commercial data

Item number	1521602
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BF74
Product key	AF2IGA
GTIN	4063151985394
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	40 g
Country of origin	CN

# SACC-AHD16-9PFS-IV - Contact insert



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## Technical data

### Notes

General	AHD16-9-1939S
General	Use with Size 16 socket contacts

### Trade restriction

CE note	The products are offered exclusively for export outside the EU and the European Economic Area.
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### Product properties

Product type	Contact insert
Series	AHD16-9
Application	J1939 type 1 key arrangement
Number of positions	9
Contact numbering	A-J
Shielded	no

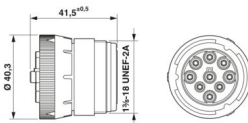
### Electrical properties

Specific dielectric strength	1500 V AC (Less than 2 mA current leakage)
Insulation resistance	min. 1000 M $\Omega$ (at 25 °C)
Nominal voltage $U_N$	50 V AC/DC (IEC rating)
Nominal current $I_N$	13 A (Size 16)

### Connection data

Connection method	Crimp contacts
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### Dimensions

Dimensional drawing	
Length	41.5 mm

### Material specifications

Seal material	Silicon
Contact carrier material	Thermoplastic

### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	$\geq 100$
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### Characteristics

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Specific dielectric strength	1500 V AC (Less than 2 mA current leakage)
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## Environmental and real-life conditions

Ambient conditions	
Degree of protection	IP67 (in mated condition)
Ambient temperature (operation)	-55 °C ... 125 °C

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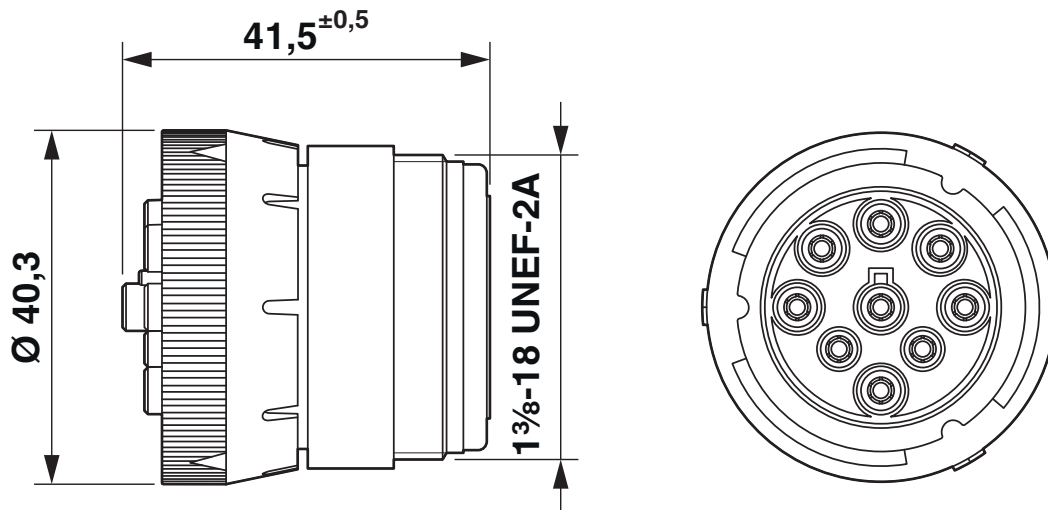


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## Drawings

Dimensional drawing



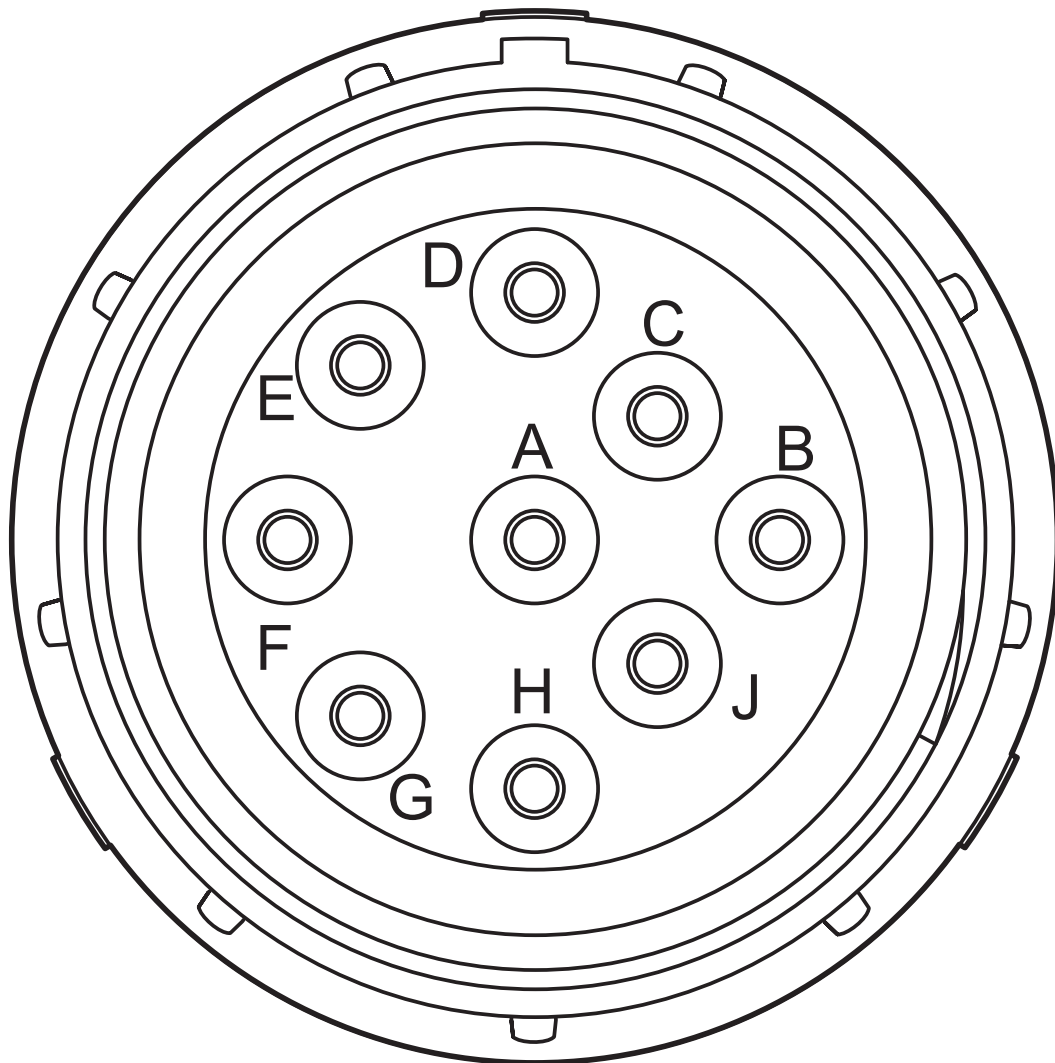
Dimensional drawing

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Schematic diagram



AHD16-9-1939S pin assignment

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## Classifications

### ECLASS

ECLASS-15.0	27440116
ECLASS-13.0	27440116

### ETIM

ETIM 9.0	EC002635
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## Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
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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