

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



1521603

<https://www.phoenixcontact.com/us/products/1521603>

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Commercial data

Item number	1521603
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BF74
Product key	BF2IGA
GTIN	4063151986803
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	40 g
Country of origin	CN

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Technical data

Notes

General	AHD16-9-1939S80
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 2 key arrangement
Number of positions	9
Contact numbering	A-J
Shielded	no

Data management status

Article revision	00
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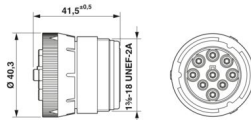
Electrical properties

Specific dielectric strength	1500 V AC (Less than 2 mA current leakage)
Insulation resistance	min. 1000 MΩ (at 25 °C)

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	≥ 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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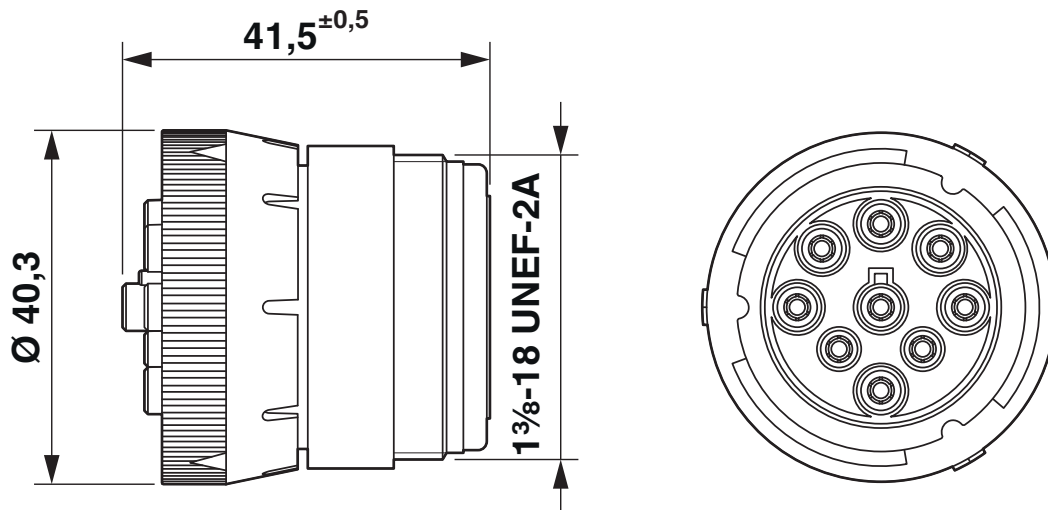
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Drawings

Dimensional drawing



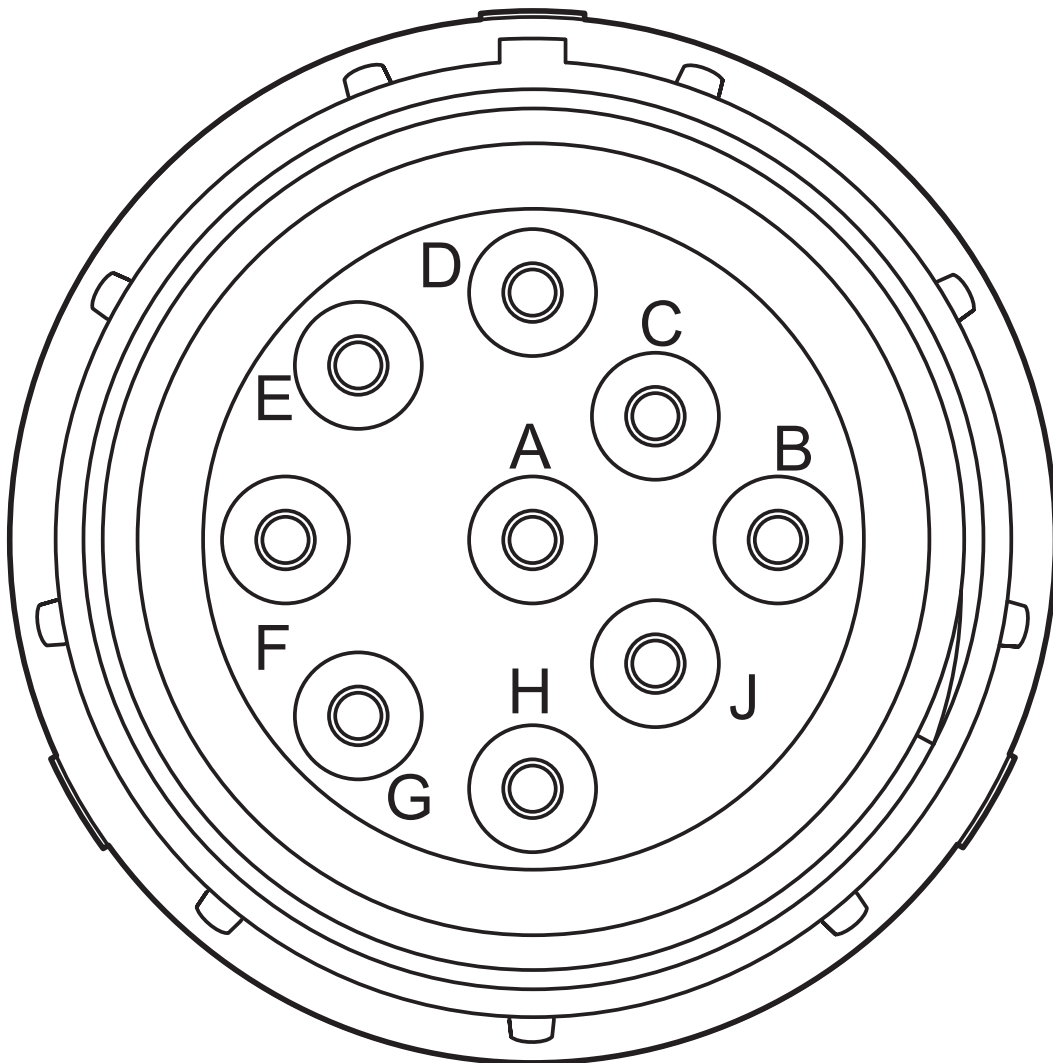
Dimensional drawing

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Schematic diagram



AHD16-9-1939S pin assignment

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Classifications

ECLASS

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

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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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