

SACC-AT06-2S-RS-IV - Connector housing



1520757

<https://www.phoenixcontact.com/us/products/1520757>

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Connector housing, 2-position, Crimp contacts

Commercial data

Item number	1520757
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BF72
Product key	BF2IEA
GTIN	4063151984557
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	3.9 g
Country of origin	MX

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Technical data

Notes

General	AT06-2S-RD01BLK
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	AT06
Number of positions	2
Contact numbering	1 - 2
Shielded	no

Data management status

Article revision	00
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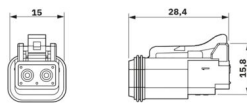
Electrical properties

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

Connection data

Connection method	Crimp contacts
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Dimensions

Dimensional drawing	
Width	15 mm
Height	15.8 mm
Length	28.4 mm

Material specifications

Seal material Profile gasket	Silicon
Seal material Cable seal	Silicon
Housing material	PA-GF

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 100
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Characteristics

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	IP68 (in mated condition)
	IP69K (in mated condition)
Ambient temperature (operation)	-55 °C ... 125 °C

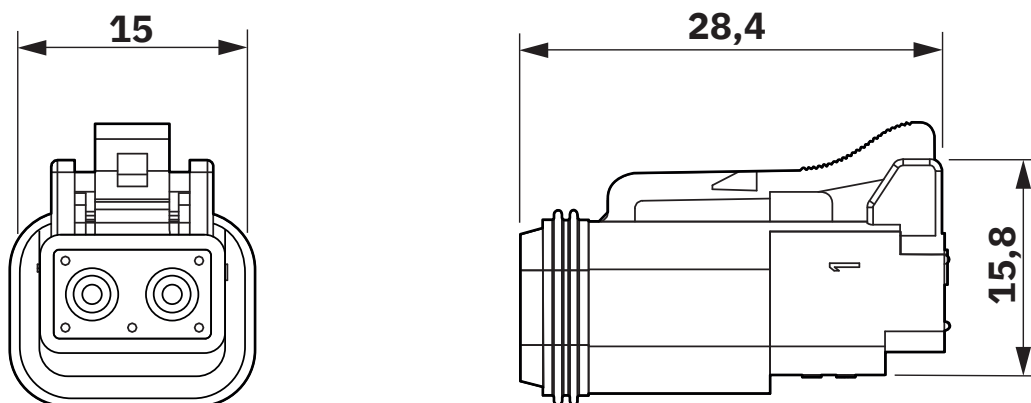
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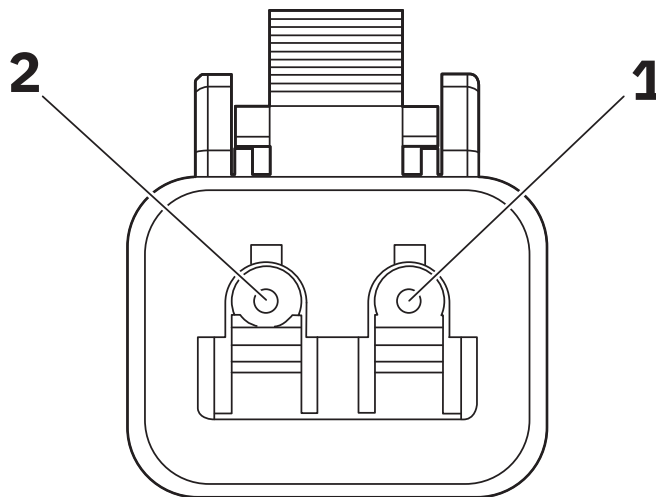
Drawings

Dimensional drawing



AT06-2S top view and side view

Schematic diagram



AT06-2S 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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Accessories

CC-AT62-S16-R14-NI - Crimp contact

1519750

<https://www.phoenixcontact.com/us/products/1519750>



Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, contact surface: nickel-plated, connection cross section: 2.5 mm² ... 2.5 mm², AWG 14 ... 14

CC-AT62-S16-R16/20-AU - Crimp contact

1519751

<https://www.phoenixcontact.com/us/products/1519751>



Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, contact surface: gold-plated, connection cross section: 0.5 mm² ... 1.5 mm², AWG 20 ... 16

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CC-AT62-S16-R16/20-NI - Crimp contact

1519753

<https://www.phoenixcontact.com/us/products/1519753>



Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, contact surface: nickel-plated, connection cross section: 0.5 mm² ... 1.5 mm², AWG 20 ... 16

IV-AW2S - Terminal position assurance

1521018

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Terminal position assurance, number of positions: 2, material: PA-GF

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IV-SP16 - Filler plug

1521037

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Filler plug

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