

SACC-AT06-6S-RS-IV - Connector housing



1520771

<https://www.phoenixcontact.com/us/products/1520771>

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Connector housing, Crimp contacts

Commercial data

Item number	1520771
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BF72
Product key	BF2IEA
GTIN	4063151984571
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	8 g
Country of origin	MX

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Technical data

Notes

General	AT06-6S-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
Contact numbering	1 - 6
Shielded	no

Data management status

Article revision	00
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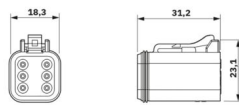
Electrical properties

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	18.3 mm
Height	23.1 mm
Length	31.2 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

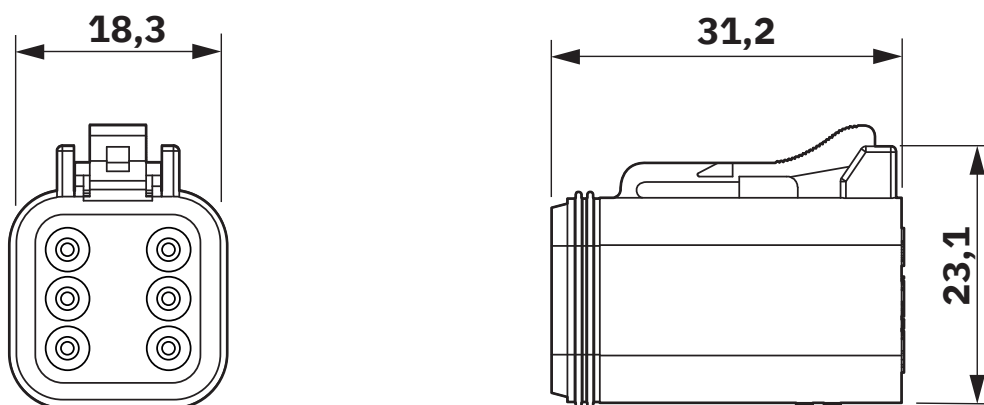
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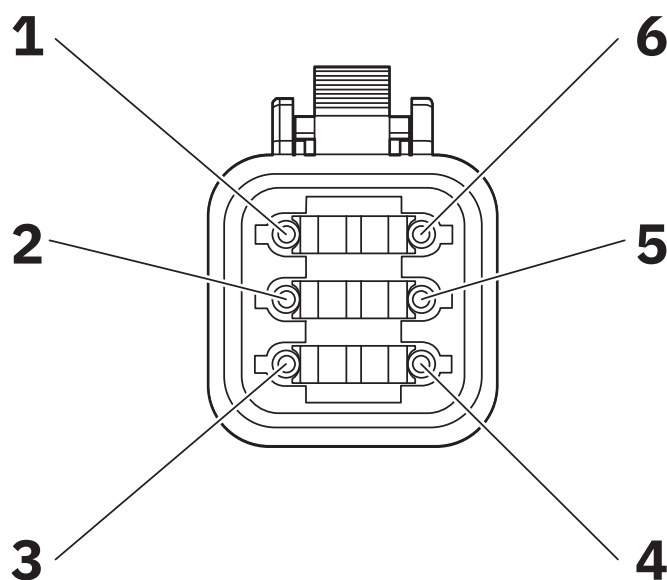
Drawings

Dimensional drawing



AT06-6S top view and side view

Schematic diagram



AT06-6S 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-AW6S - Terminal position assurance

1521023

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Terminal position assurance, material: PA-GF

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IV-SP16 - Filler plug

1521037

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Filler plug



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