

1520778
<https://www.phoenixcontact.com/us/products/1520778>

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Connector housing, Crimp contacts



Commercial data

Item number	1520778
Packing unit	25 pc
Minimum order quantity	25 pc
Sales key	BF72
Product key	BF2IEA
GTIN	4063151984366
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	13.3 g
Country of origin	MX

SACC-AT06-12SA-RS-IV - Connector housing



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Technical data

Notes

General	AT06-12SA-RDBLK
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 - 12
Shielded	no

Data management status

Article revision	00
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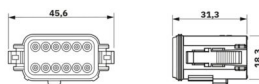
Electrical properties

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	45.6 mm
Height	18.3 mm
Length	31.3 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

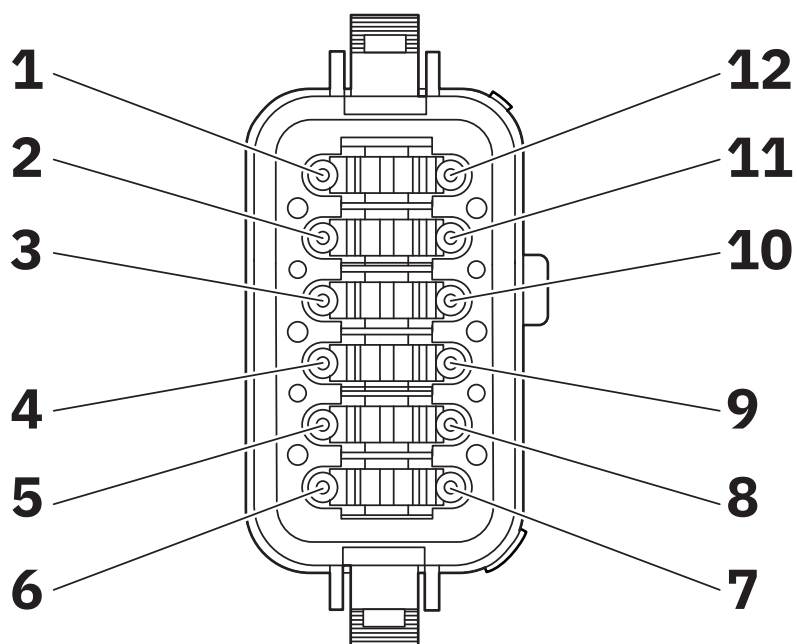
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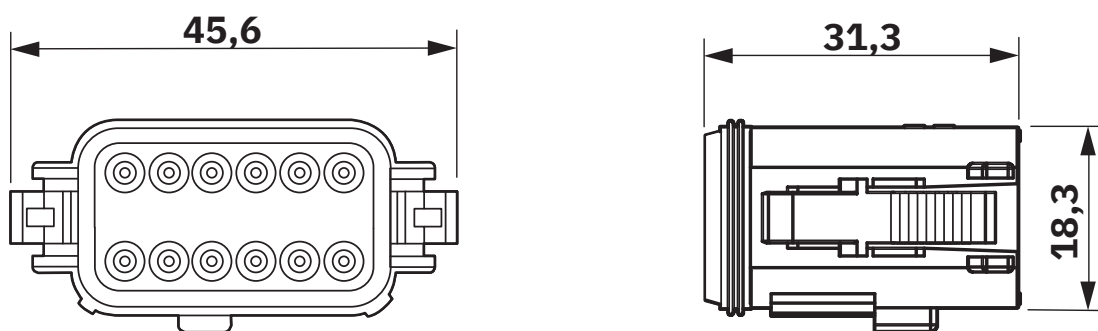
Drawings

Schematic diagram



AT06-12SA pin assignment

Dimensional drawing



AT06-12SA top view and side view

SACC-AT06-12SA-RS-IV - Connector housing



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Classifications

ECLASS

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

ETIM

ETIM 8.0	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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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

SACC-AT06-12SA-RS-IV - Connector housing



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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-AW12S - Terminal position assurance

1521026

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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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