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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	AF2IEA
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



1520778

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

## Technical data

### Notes

General	AT06-12SA-RDBLK
General	Use with Size 16 socket contacts

### Product properties

Product type	Contact insert
Series	AT06
Contact numbering	1 - 12
Shielded	no

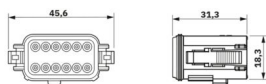
### Electrical properties

Specific dielectric strength	1500 V AC (Less than 2 mA current leakage)
Insulation resistance	1000 MΩ (at 25 °C)
Nominal voltage $U_N$	50 V AC/DC (IEC rating)
Nominal current $I_N$	13 A (MAX)

### 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

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## Ambient conditions

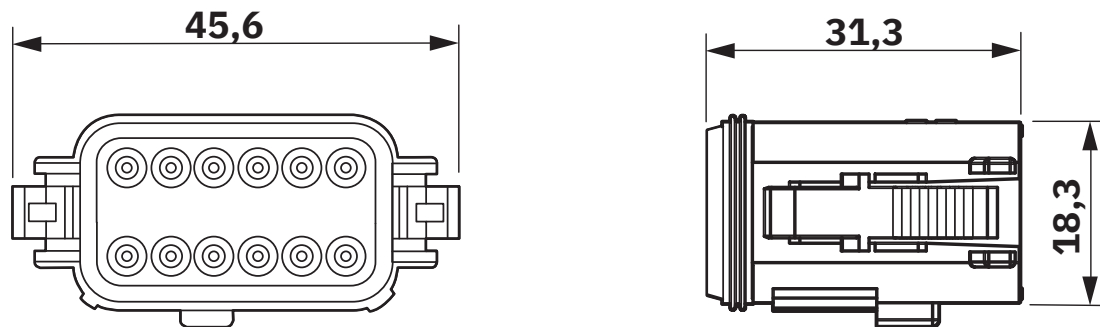
Degree of protection	IP68 (in mated condition)
	IP69K (in mated condition)
Ambient temperature (operation)	-55 °C ... 125 °C

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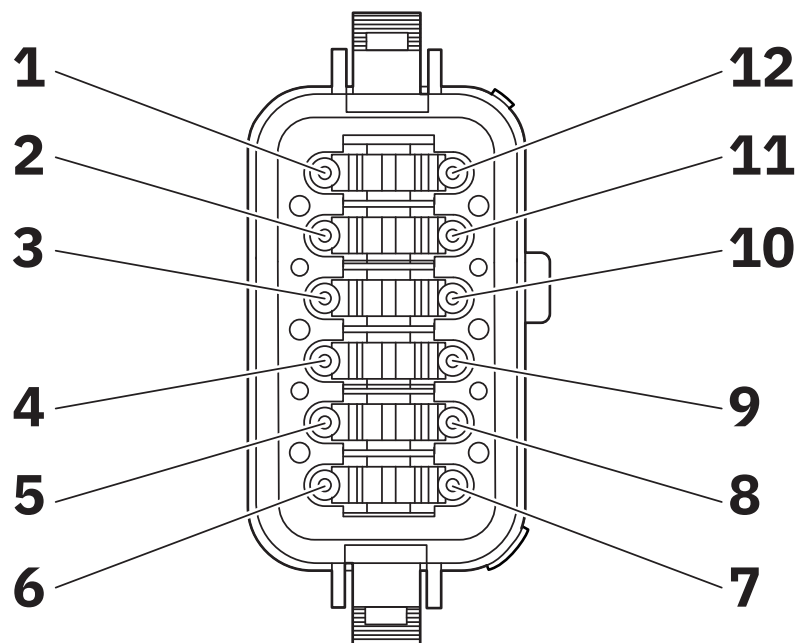
## Drawings

Dimensional drawing



AT06-12SA top view and side view

Schematic diagram



AT06-12SA 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
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### 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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