

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

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	AF2IEA
GTIN	4063151984366
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	13.3 g
Country of origin	MX

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## 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

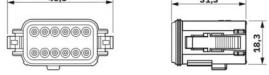
### Electrical properties

Specific dielectric strength	1500 V AC (Less than 2 mA current leakage)
Insulation resistance	1000 MΩ (at 25 °C)
Nominal voltage U <sub>N</sub>	50 V AC/DC (IEC rating)
Nominal current I <sub>N</sub>	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

### 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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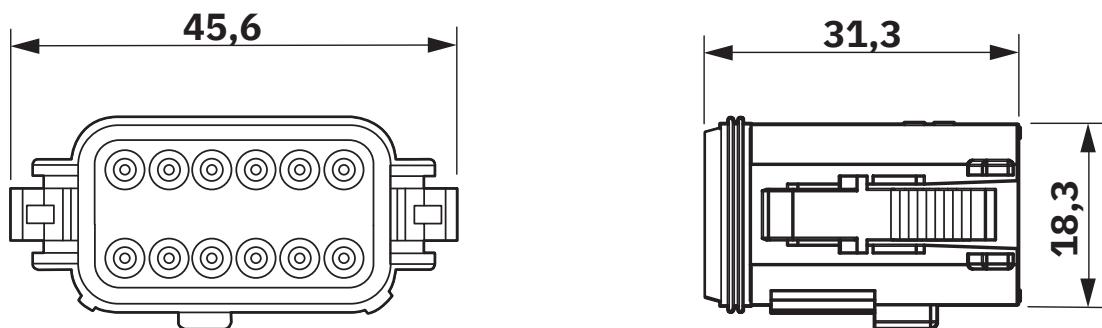
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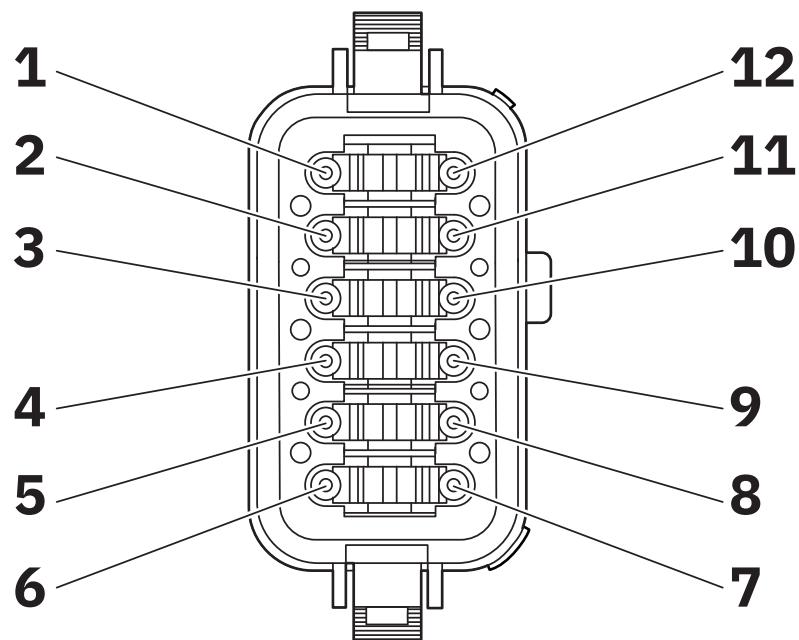
## Drawings

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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