

1520781
<https://www.phoenixcontact.com/us/products/1520781>

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Connector housing, Crimp contacts



Commercial data

Item number	1520781
Packing unit	25 pc
Minimum order quantity	25 pc
Sales key	BF72
Product key	AF2IEA
GTIN	4063151984373
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	22.2 g
Country of origin	MX

SACC-AT06-18SA-RS-IV - Connector housing



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Technical data

Notes

General	AT16-18SA-K004
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	AT16
Contact numbering	1 - 18
Shielded	no

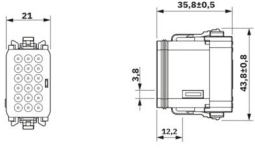
Electrical properties

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	43.8 mm
Height	21 mm
Length	35.8 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

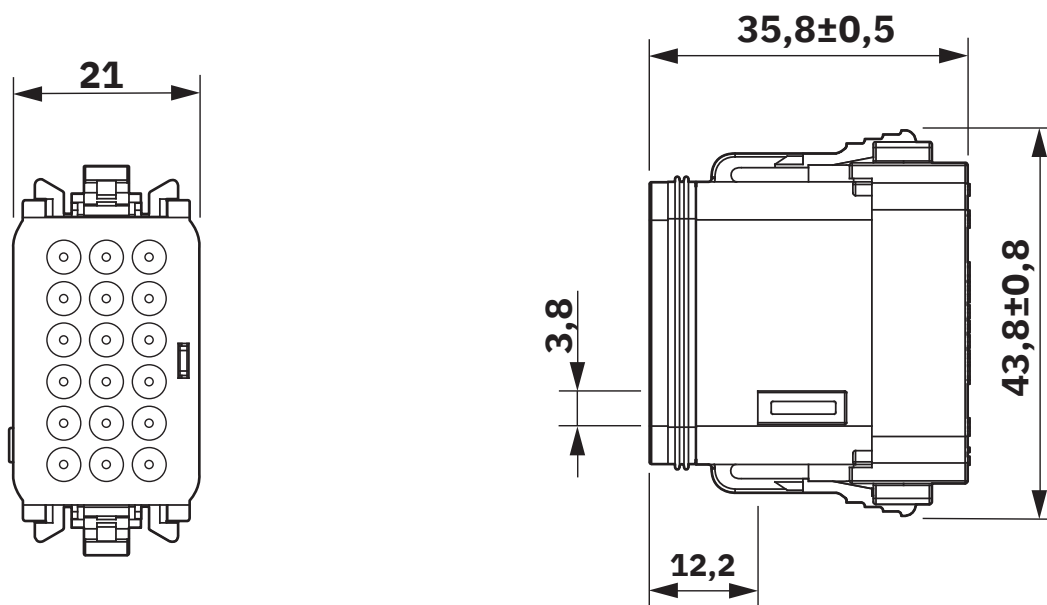
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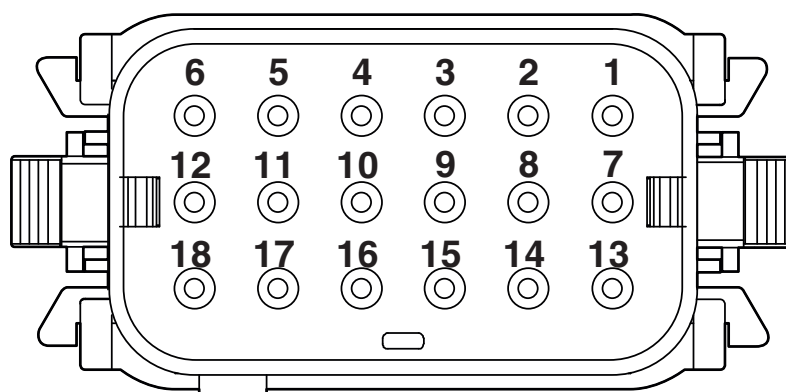
Drawings

Dimensional drawing



AT16-18SA top view and side view

Schematic diagram



AT16-18SA pin assignment

SACC-AT06-18SA-RS-IV - Connector housing



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Classifications

ECLASS

ECLASS-13.0	27440116
ECLASS-15.0	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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