

1521087
<https://www.phoenixcontact.com/us/products/1521087>

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Connector housing, 12-position, Crimp contacts



Commercial data

Item number	1521087
Packing unit	25 pc
Minimum order quantity	25 pc
Sales key	BF72
Product key	BF2IFA
GTIN	4063151985097
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	11 g
Country of origin	MX

SACC-ATM06-12SA-IV - Connector housing



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Technical data

Notes

General	ATM06-12SA-BLK
General	Use with size 20 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	ATM06
Number of positions	12
Contact numbering	1 - 12
Shielded	no

Data management status

Article revision	00
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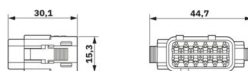
Electrical properties

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	44.7 mm
Height	15.3 mm
Length	30.1 mm

Material specifications

Seal material Cable seal	Silicon
Housing material	PA-GF

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 100
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Characteristics

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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	IP67 (in mated condition)
Ambient temperature (operation)	-55 °C ... 125 °C

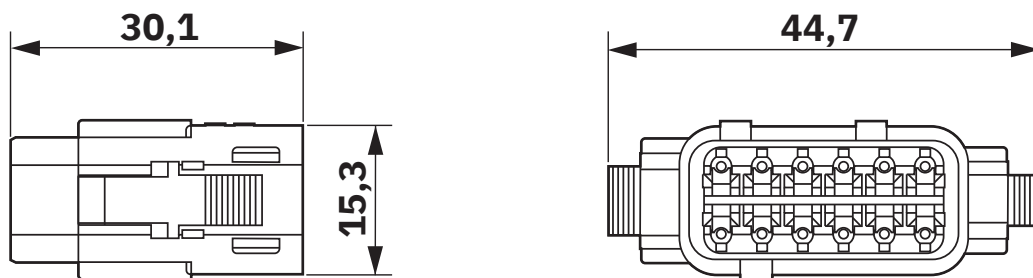
SACC-ATM06-12SA-IV - Connector housing

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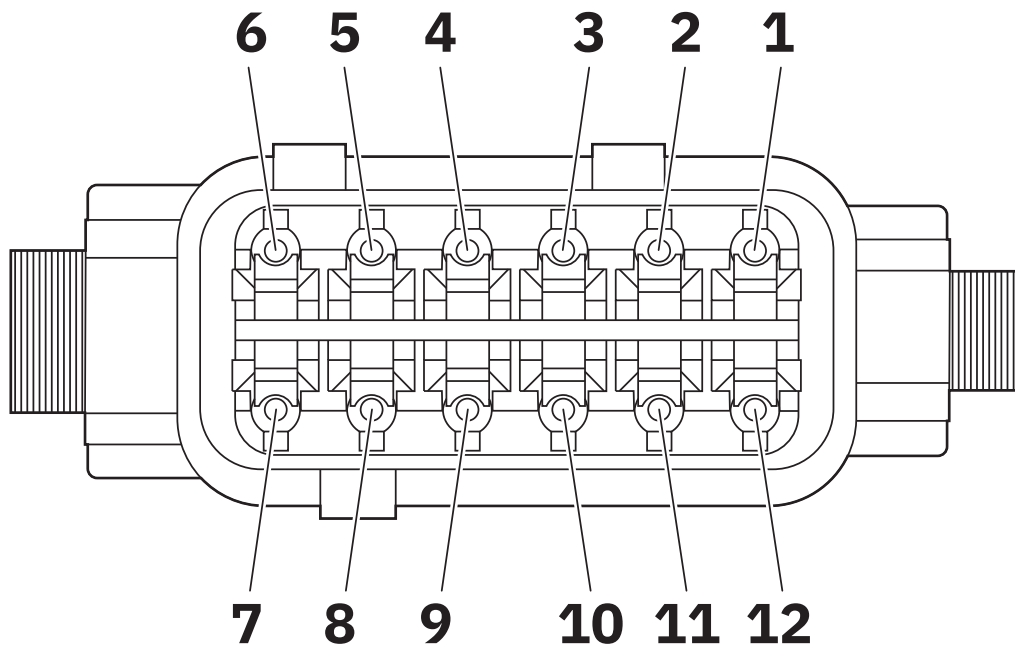
Drawings

Dimensional drawing



ATM06-12SA top view and side view

Schematic diagram



ATM06-12SA pin assignment

SACC-ATM06-12SA-IV - Connector housing



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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-S20-R16/18-NI - Crimp contact

1521064

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Crimp contact, contact diameter: 1 mm, turned, Socket, contact material: Copper alloy, contact surface: nickel-plated, connection cross section: 0.75 mm² ... 1.5 mm², AWG 18 ... 16

CC-AT62-S20-R16/18-AU - Crimp contact

1521065

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Crimp contact, contact diameter: 1 mm, turned, Socket, contact material: Copper alloy, contact surface: gold-plated, connection cross section: 0.75 mm² ... 1.5 mm², AWG 18 ... 16

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CC-AT62-S20-R20-NI - Crimp contact

1521068

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Crimp contact, contact diameter: 1 mm, turned, Socket, contact material: Copper alloy, contact surface: nickel-plated, connection cross section: 0.5 mm² ... 0.5 mm², AWG 20 ... 20

CC-AT62-S20-R20-AU - Crimp contact

1521071

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Crimp contact, contact diameter: 1 mm, turned, Socket, contact material: Copper alloy, contact surface: gold-plated, connection cross section: 0.5 mm² ... 0.5 mm², AWG 20 ... 20

SACC-ATM06-12SA-IV - Connector housing



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IV-AWM-12S - Terminal position assurance

1521108

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Terminal position assurance, number of positions: 12, material: PA-GF



IV-SP20 - Filler plug

1521115

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Filler plug



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