

1521100

<https://www.phoenixcontact.com/us/products/1521100>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

Connector housing, Crimp contacts



Commercial data

Item number	1521100
Packing unit	25 pc
Minimum order quantity	25 pc
Sales key	BF72
Product key	BF2IFA
GTIN	4063151985356
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	17 g
Country of origin	MX

SACC-ATM04-12PA-IV - Connector housing



1521100

<https://www.phoenixcontact.com/us/products/1521100>

Technical data

Notes

General	ATM04-12PA-BLK
General	Use with size 20 pin contacts

Trade restriction

CE note	The products are offered exclusively for export outside the EU and the European Economic Area.
---------	--

Product properties

Product type	Contact insert
Series	ATM04
Contact numbering	1 - 12
Shielded	no

Data management status

Article revision	00
------------------	----

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
-------------------	----------------

Dimensions

Dimensional drawing	
Width	40.2 mm
Height	20.2 mm
Length	43.7 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

SACC-ATM04-12PA-IV - Connector housing



1521100

<https://www.phoenixcontact.com/us/products/1521100>

Specific dielectric strength	1500 V AC (Less than 2 mA current leakage)
------------------------------	--

Environmental and real-life conditions

Ambient conditions	
Degree of protection	IP67 (in mated condition)
Ambient temperature (operation)	-55 °C ... 125 °C

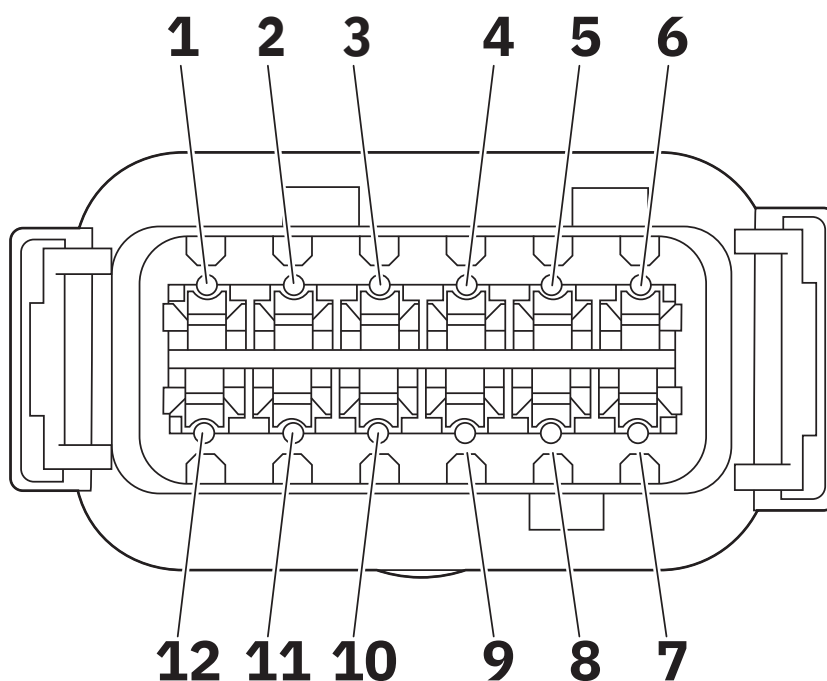
SACC-ATM04-12PA-IV - Connector housing

1521100

<https://www.phoenixcontact.com/us/products/1521100>

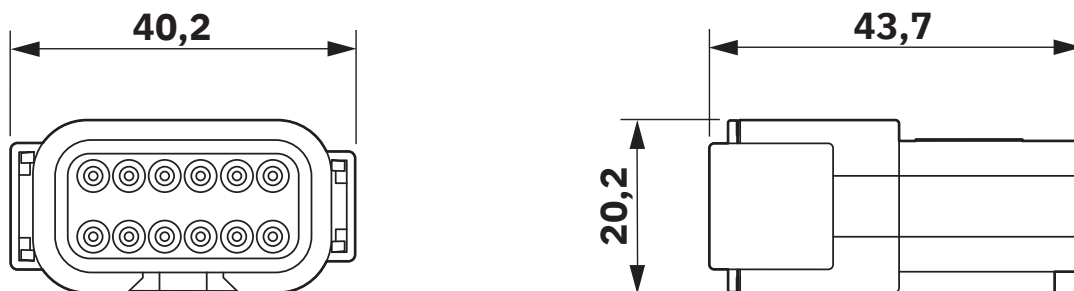
Drawings

Schematic diagram



ATM04-12PA pin assignment

Dimensional drawing



ATM04-12PA top view and side view

SACC-ATM04-12PA-IV - Connector housing



1521100

<https://www.phoenixcontact.com/us/products/1521100>

Classifications

ECLASS

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

SACC-ATM04-12PA-IV - Connector housing



1521100

<https://www.phoenixcontact.com/us/products/1521100>

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%

SACC-ATM04-12PA-IV - Connector housing



1521100

<https://www.phoenixcontact.com/us/products/1521100>

Accessories

CC-AT60-S20-R16/18-NI - Crimp contact

1521072

<https://www.phoenixcontact.com/us/products/1521072>



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

CC-AT60-S20-R16/18-AU - Crimp contact

1521073

<https://www.phoenixcontact.com/us/products/1521073>



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

SACC-ATM04-12PA-IV - Connector housing



1521100

<https://www.phoenixcontact.com/us/products/1521100>

CC-AT60-S20-R20-NI - Crimp contact

1521074

<https://www.phoenixcontact.com/us/products/1521074>



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

CC-AT60-S20-R20-AU - Crimp contact

1521075

<https://www.phoenixcontact.com/us/products/1521075>



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

SACC-ATM04-12PA-IV - Connector housing



1521100

<https://www.phoenixcontact.com/us/products/1521100>

IV-AWM-8P - Terminal position assurance

1521113

<https://www.phoenixcontact.com/us/products/1521113>

Terminal position assurance, number of positions: 8, material: PA-GF



IV-SP20 - Filler plug

1521115

<https://www.phoenixcontact.com/us/products/1521115>

Filler plug



Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com