

straight_break_away_plug_for_backshell

size: 12 [STD 38999], IP6K8 / IP6K9K, keying: a, number_of_contacts: 5, crimp, contact_type: pins, Signal



Basic information

Part number	ABTAATO-H005PN-0000
Category	connector
Type of connector	plug
Assembly situation	straight
Size	12 [STD 38999]

Contact insert description

Transmission type	Signal
Number of contacts	5
Contact type	pins
Contact diameter	1.6 mm
Termination type	crimp
Wire cross section AWG	AWG 16 – 20

Crimp contacts

Please refer to the installed contacts for the correct crimp settings and the tools to be used.

[923.000.005.000.427](https://www.odu.com/923.000.005.000.427)

Technical information

Nominal current single contact	13 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Test voltage	1.8 kV AC	EIA-364-20F:2019-02

Cable description

Cable outlet	backshell
Min. cable diameter	5
Max. cable diameter	14.6

Mechanical and environmental data

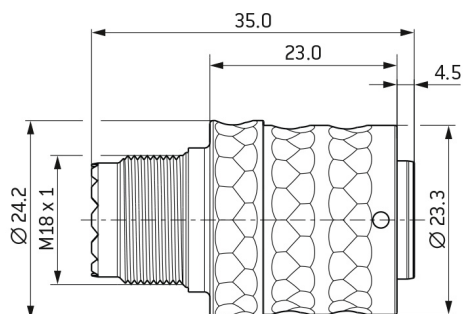
Locking principle	break_away
Keying	a
Mating cycles	500
IP class	IP6K8 / IP6K9K
Max. operating temperature	175 °C
Min. operating temperature	-65 °C
Weight	20 g

ip_protection_class_refers_to_mated_condition

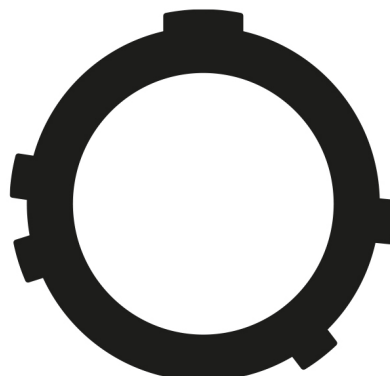
Material and surface treatments

Material	aluminum_with_tin_nickel_finish
Contact material	cu_alloy_with_gold_finish

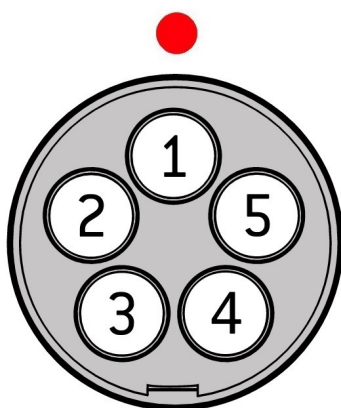
DIMENSIONS:



CODING:A



POSITIONS: 5 positions



Further technical information and downloads

[3D-File \[STP File\]](#)

[Assembly Instruction](#)