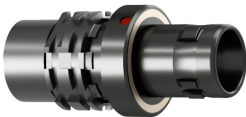


straight_break_away_plug_for_bend_relief

size: 1.5, IP6K8 / IP6K9K, keying: a, number_of_contacts: 10, solder_cup, contact_type: pins, Signal



Basic information

Part number	A1AYAR-P10XFG0-0000
Category	connector
Type of connector	plug
Assembly situation	straight
Size	9f29a1

Contact insert description

Transmission type	Signal
Number of contacts	10
Contact type	pins
Contact diameter	ec72e6
Termination type	solder_cup
Termination diameter	08561d
Wire cross section AWG	374cb3

Technical information

Max. current single contact	14bd3c	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Max. current insert	3.85	VDE 0298-4:2003
Test voltage	0.9 kV AC	EIA-364-20F:2019-02

Cable description

Cable outlet	overmolding
Min. cable diameter	3.2
Max. cable diameter	8

Mechanical and environmental data

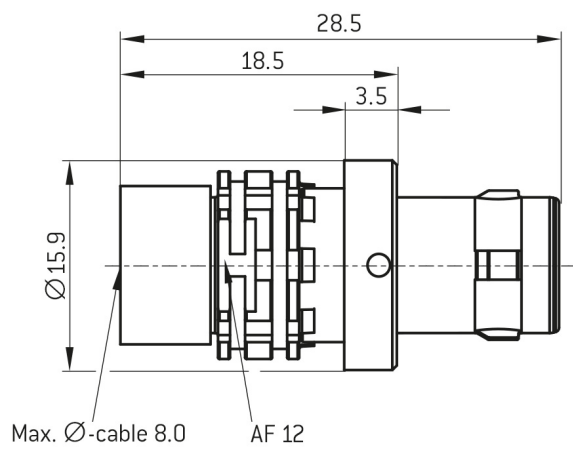
Locking principle	break_away
Keying	a
Mating cycles	0f8eb4
IP class	IP6K8 / IP6K9K
Max. operating temperature	125 °C
Min. operating temperature	-51 °C
Weight	6.86 g

ip_protection_class_refers_to_mated_condition

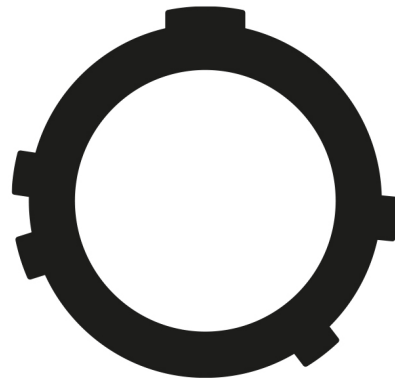
Material and surface treatments

Material	aluminum_with_ruthenium_finish
Insulator material	peek
Contact material	gold

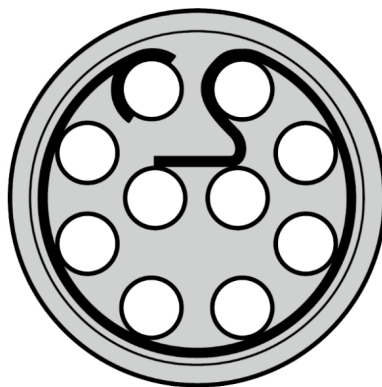
DIMENSIONS:



CODING:A



POSITIONS: 10 Positions



Further technical information and downloads

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

[Assembly Instruction](#)