

straight_break_away_plug_for_bend_relief

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



Basic information

Part number	A1AYDR-P10XFG0-0000
Category	connector
Type of connector	plug
Assembly situation	straight
Size	1.5

Contact insert description

Transmission type	Signal
Number of contacts	10
Contact type	pins
Contact diameter	0.7 mm
Termination type	solder_cup
Termination diameter	0.85 mm
Wire cross section AWG	AWG 22

Technical information

Nominal current single contact	7 A	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

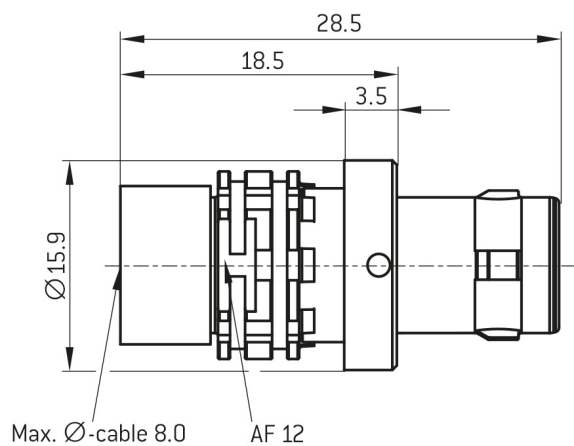
Locking principle	break_away
Keying	d
Mating cycles	5000
IP class	IP6K8 / IP6K9K
Max. operating temperature	125 °C
Min. operating temperature	-51 °C
Weight	6.79 g

ip_protection_class_refers_to_mated_condition

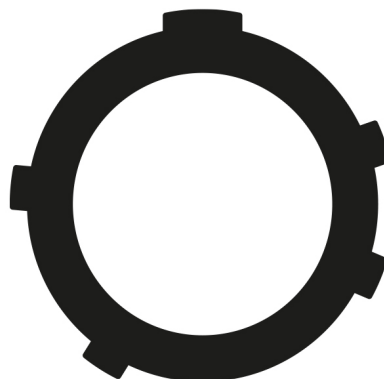
Material and surface treatments

Material	aluminum_with_ruthenium_finish
Insulator material	peek
Contact material	cu_alloy_with_gold_finish

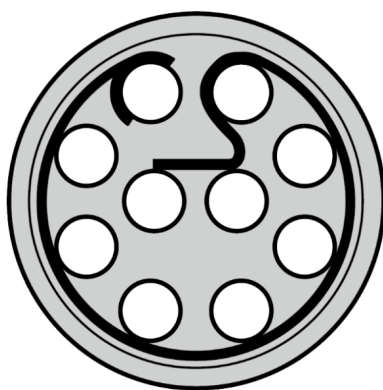
DIMENSIONS:



CODING:D



POSITIONS: 10 Positions



Further technical information and downloads

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

[Assembly Instruction](#)