

straight_in_line_receptacle_with_break_away_and_push_pull_locking_for_bend_relief

size: 1.5, IP6K8 / IP6K9K, keying: b, number_of_contacts: 19, solder_cup, contact_type: sockets, Signal



Basic information

Part number	K1AYBR-P19WCD0-0000
Category	connector
Type of connector	in_line_receptacle
Assembly situation	straight
Size	9f29a1

Contact insert description

Transmission type	Signal
Number of contacts	19
Contact type	sockets
Contact diameter	88d6d3
Termination type	solder_cup
Termination diameter	1d7c76
Wire cross section AWG	562f2b

Technical information

Max. current single contact	2f071a	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Max. current insert	2.25	VDE 0298-4:2003
Test voltage	0.8 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

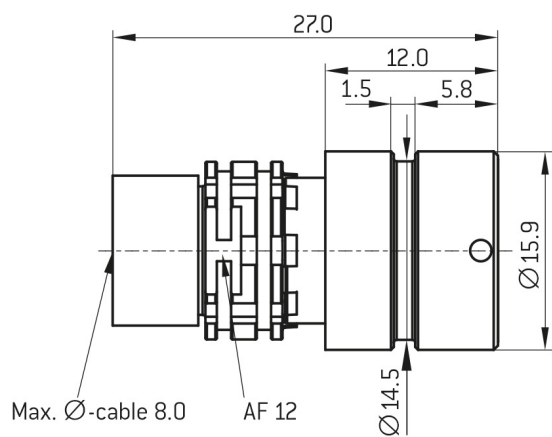
Locking principle	break_away , push_pull
Keying	b
Mating cycles	9e1839
IP class	IP6K8 / IP6K9K
Max. operating temperature	125 °C
Min. operating temperature	-51 °C
Weight	10.55 g

ip_protection_class_refers_to_mated_condition

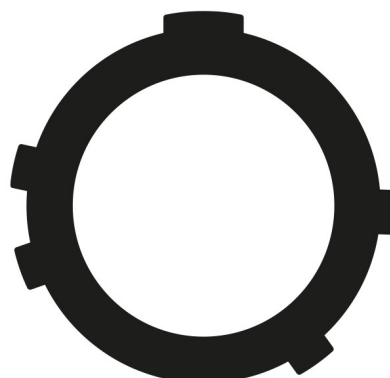
Material and surface treatments

Material	aluminum_with_ruthenium_finish
Contact material	gold

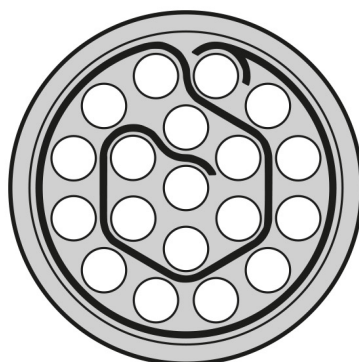
DIMENSIONS:



CODING: B



POSITIONS: 19 positions



Further technical information and downloads

[Assembly Instruction](#)