

straight_push_pull_plug_for_bend_relief

size: 2, IP6K8 / IP6K9K, keying: a, number_of_contacts: 16, solder_cup, contact_type: pins, HDMI® 1.4 (10.2 Gbit/s)



Basic information

Part number	S12YAR-P16XCD0-0000
Category	connector
Type of connector	plug
Assembly situation	straight
Size	d4735e

Contact insert description

Special features	data_transmission
Transmission type	HDMI® 1.4 (10.2 Gbit/s)
Number of contacts	16
Contact type	pins
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	2.5	VDE 0298-4:2003
Test voltage	1.2 kV AC	EIA-364-20F:2019-02

Cable description

Cable outlet	overmolding
Min. cable diameter	5
Max. cable diameter	10

Mechanical and environmental data

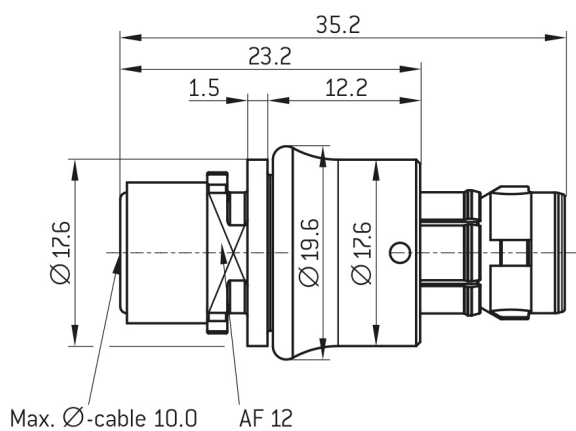
Locking principle	push_pull
Keying	a
Mating cycles	0f8eb4
IP class	IP6K8 / IP6K9K
Max. operating temperature	125 °C
Min. operating temperature	-51 °C
Weight	11.81 g

ip_protection_class_refers_to_mated_condition

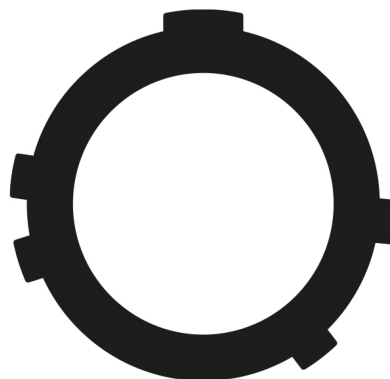
Material and surface treatments

Material	aluminum_with_ruthenium_finish
Insulator material	peek
Contact material	gold

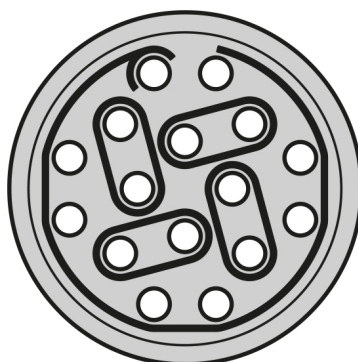
DIMENSIONS:



CODING:A



POSITIONS: 16 positions



Further technical information and downloads

Connection diagram

[connection_diagram_16_pin_hdmi_1_4_typ_a](#)

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

[Assembly Instruction](#)