

C10WDM-P12XMM0-0000

odu_amc®_hd



straight_screw_lock_plug_for_bend_relief

size_0_ip6k8_ip6k9k_coding_d_green_12_contacts_pins_solder_cup_data_transmission_usb®_3.2_gen_1x1_5_gbits

	Basic information	
	Part number	C10WDM-P12XMM0-0000
	Category	connector
	Type of connector	plug
Assembly situation		straight

Contact insert description

Special features	data_transmission	
Transmission type	USB® 3.2 Gen 1x1 (5 Gbit/s)	
Number of contacts	12	
Contact type	pins	
Contact diameter	0.3 mm; 0.7 mm	
Termination type	solder_cup	
Termination diameter	0.85 mm	
Wire cross section AWG	AWG 28; AWG 22	

Technical information

Max. current single contact	1 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Test voltage	0.75 kV DC	EIA-364-20F:2019-02

Cable description

Cable outlet	overmolding	
Min. cable diameter	3.2	
Max. cable diameter	7	

Mechanical and environmental data

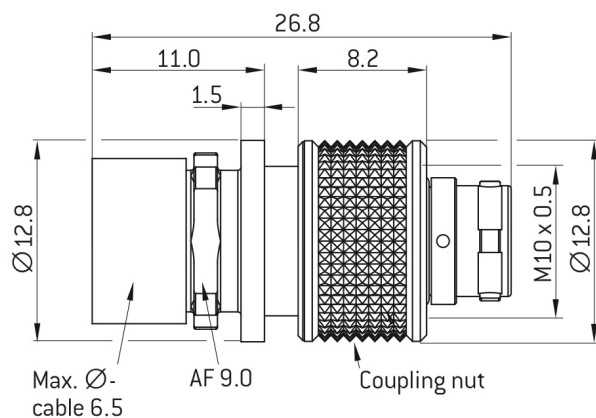
Locking principle	screw_lock
Keying	d
Mating cycles	5000
IP class	IP68 / IP6K9K
Max. operating temperature	125 °C
Min. operating temperature	-51 °C
Weight	10.1 g

ip_protection_class_refers_to_mated_condition

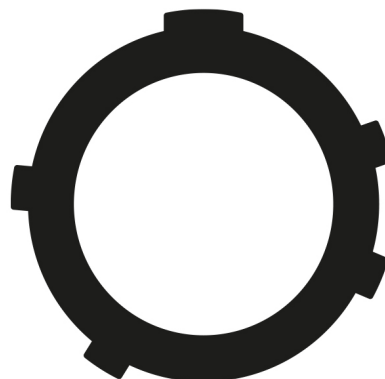
Material and surface treatments

Material	cu_alloy_with_ruthenium_finish
Contact material	gold

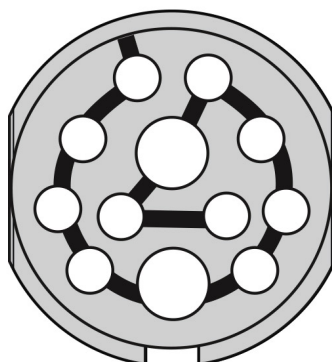
DIMENSIONS:



CODING:D



POSITIONS: 12 positions



Further technical information and downloads

Connection diagram

[connection_diagram_12_pin_usb_3_2_gen1x1_pin_typ_a](#)

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

[Assembly Instruction](#)

[Technical specifications](#)