

straight_in_line_receptacle_with_break_away_locking_for_bend_relief

size_0_ip6k8_ip6k9k_coding_c_blue_12_contacts_sockets_solder_cup_data_transmission_usb®_3.2_gen_1x1_5_gbits



Basic information

Part number	K10WCM-P12WMM0-0000
Category	connector
Type of connector	in_line_receptacle
Assembly situation	straight
Size	5feceb

Contact insert description

Special features	data_transmission
Transmission type	USB® 3.2 Gen 1x1 (5 Gbit/s)
Number of contacts	12
Contact type	sockets
Contact diameter	32d64f
Termination type	solder_cup
Termination diameter	08561d
Wire cross section AWG	2e1a8b

Technical information

Max. current single contact	621c7f	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

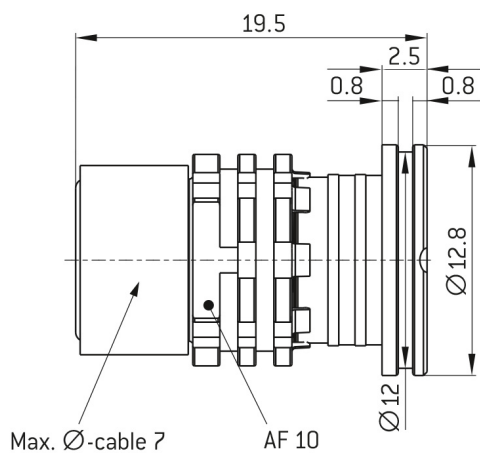
Locking principle	break_away
Keying	c
Mating cycles	9e1839
IP class	IP68 / IP6K9K
Max. operating temperature	125 °C
Min. operating temperature	-51 °C
Weight	7.4 g

ip_protection_class_refers_to_mated_condition

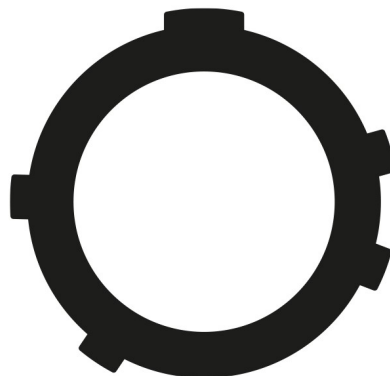
Material and surface treatments

Material	cu_alloy_with_ruthenium_finish
Contact material	gold

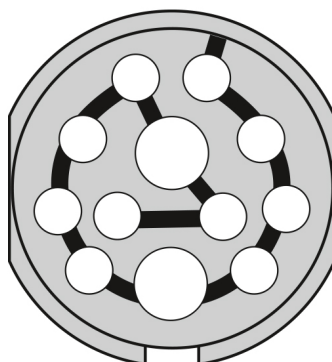
DIMENSIONS:



CODING:C



POSITIONS: 12 positions



Further technical information and downloads

Connection diagram

connection_diagram_12_pin_usb_3_2_gen1x1_socket_typ_a

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

[Assembly Instruction](#)

[Technical specifications](#)