

S10LOC-P10BMM9-5600

odu_mini_snap®_series_I

straight_push_pull_plug

size: 0, IP50, keying: 0, number_of_contacts: 10, solder_cup, contact_type: pins, USB® 3.2 Gen 1x1 [5 Gbit/s]



Basic information

Part number	S10LOC-P10BMM9-5600
Category	connector
Type of connector	plug
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	10
Contact type	pins
Contact diameter	8e1a43
Termination type	solder_cup
Termination diameter	1442ce
Wire cross section AWG	38b3f1

Technical information

Max. current single contact	28a407	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Max. current insert	2.75	VDE 0298-4:2003
Test voltage	0.6 kV AC	SAE AS 13441:1998 method 3001.1
Max. creepage distance (contact to contact)	0.3 mm (Contact to housing)	
Max. creepage distance (contact to housing)	0.6 mm (Contact to housing)	
Max. clearance distance (contact to contact)	0.3 mm (Contact to contact)	
Max. clearance distance (contact to housing)	0.6 mm (Contact to housing)	

Cable description

Cable outlet	back_nut
Min. cable diameter	5
Max. cable diameter	5.6

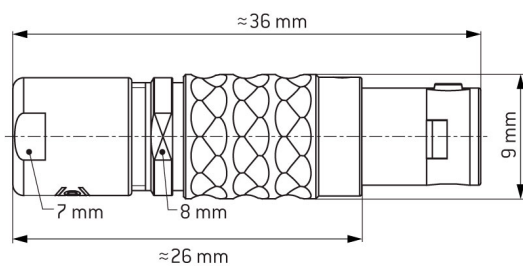
Mechanical and environmental data

Locking principle	push_pull
Mating cycles	0f8eb4
IP class	IP50
Max. operating temperature	120 °C
Min. operating temperature	-40 °C
Weight	7.52 g

Material and surface treatments

Material	cu_alloy_with_matt_chrome_finish
Contact material	gold

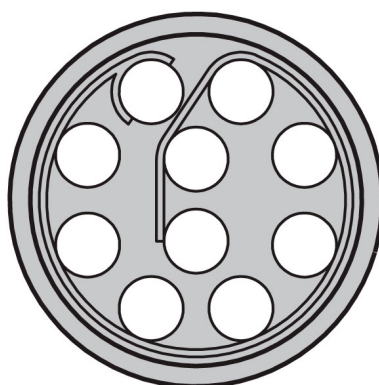
DIMENSIONS



CODING: 0 °



POSITIONS: 10 Positions



Further technical information and downloads

Connection diagram

[connection_diagram_10_pin_usb_3_2_gen1x1_pin_typ_a](#)

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

[Assembly Instruction](#)