

S31F1C-P02LPH0-3500

odu_mini_snap®_series_f

straight_push_pull_plug

size: 1, IP68, keying: 1, number_of_contacts: 2, solder_cup, contact_type: sockets, Signal



Basic information

Part number	S31F1C-P02LPH0-3500
Category	connector
Type of connector	plug
Assembly situation	straight
Size	6b86b2

Contact insert description

Transmission type	Signal
Number of contacts	2
Contact type	sockets
Contact diameter	513afe
Termination type	solder_cup
Termination diameter	47dc8e
Wire cross section AWG	e0cfa8

Technical information

Max. current single contact	32a26b	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Max. current insert	12	VDE 0298-4:2003
Test voltage	1.65 kV AC	SAE AS 13441:1998 method 3001.1
Max. creepage distance (contact to contact)	1.3 mm (Contact to housing)	
Max. creepage distance (contact to housing)	0.9 mm (Contact to housing)	
Max. clearance distance (contact to contact)	1.3 mm (Contact to contact)	
Max. clearance distance (contact to housing)	0.9 mm (Contact to housing)	

Cable description

Cable outlet	back_nut
Min. cable diameter	3
Max. cable diameter	3.5

Mechanical and environmental data

Locking principle	push_pull
Keying	1
Mating cycles	9e1839
IP class	IP68
Max. operating temperature	120 °C
Min. operating temperature	-40 °C
Weight	22.18 g

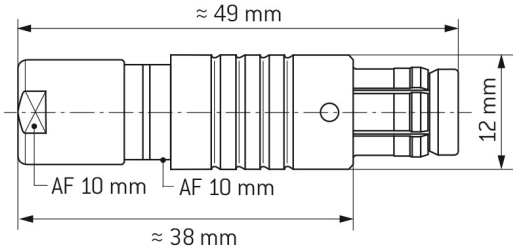
ip_protection_class_refers_to_mated_condition

Material and surface treatments

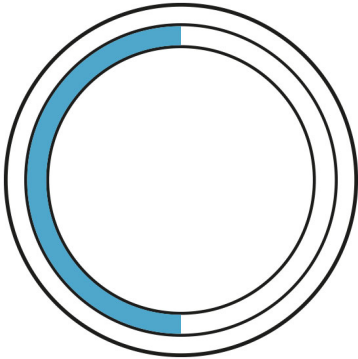
Material	cu_alloy_with_matt_chrome_finish
Contact material	gold

Graphics and technical drawings

DIMENSIONS:



CODING:1



Further technical information and downloads

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