

straight_push_pull_plug_for_bend_relief

size: 1, IP50, keying: a, number_of_contacts: 3, solder_cup, contact_type: pins, Signal

**Basic information**

Part number	S21MAC-P03MPH9-52CS
Category	connector
Type of connector	plug
Assembly situation	straight
Size	1

Contact insert description

Transmission type	Signal
Number of contacts	3
Contact type	pins
Contact diameter	1.3 mm
Termination type	solder_cup
Termination diameter	1.1 mm
Wire cross section AWG	AWG 20

Technical information

Nominal current single contact	12 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Max. current insert	12	VDE 0298-4:2003
Test voltage	1.55 kV AC	EIA-364-20F:2019-02
Max. creepage distance (contact to contact)	1.2 mm (Contact to housing)	
Max. clearance distance (contact to contact)	1.2 mm (Contact to contact)	

Cable description

Cable outlet	cable_bend_relief
Min. cable diameter	4
Max. cable diameter	5.2

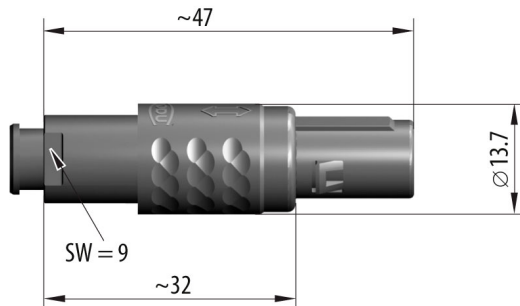
Mechanical and environmental data

Locking principle	push_pull
Keying	a
Mating cycles	2000
IP class	IP50
Max. operating temperature	120 °C
Min. operating temperature	50 °C

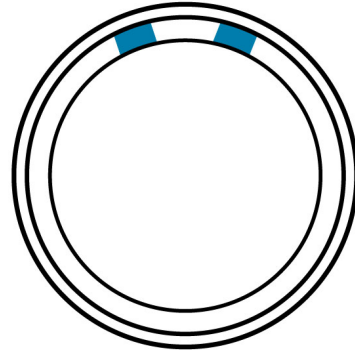
Material and surface treatments

Material	cu_alloy_with_matt_chrome_finish
Insulator material	peek
Contact material	cu_alloy_with_gold_finish
Color option (Front or back nut)	chrome_finish

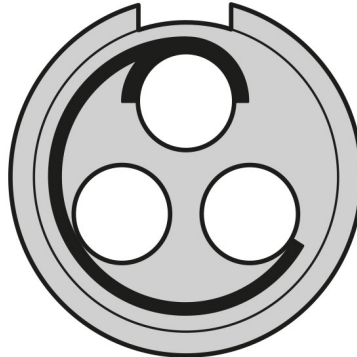
DIMENSIONS



CODING: 40°



POSITIONS: 3 positions



Further technical information and downloads

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

[Assembly Instruction](#)