

straight_push_pull_plug

size: 1, IP50, keying: 0, number_of_contacts: 2, solder_cup, contact_type: pins, Signal

**Basic information**

Part number	S11MOS-P02MPH0-3980
Category	connector
Type of connector	plug
Assembly situation	straight
Size	1

Contact insert description

Special features	iec_60601_1_2_mopp_&_2_moop
Transmission type	Signal
Number of contacts	2
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	1.4 kV AC	EIA-364-20F:2019-02
Max. creepage distance (contact to contact)	1.3 mm (Contact to housing)	
Max. creepage distance (contact to housing)	IEC 60601-1: 2MOPP, 2MOOP*	
Max. clearance distance (contact to contact)	1.3 mm (Contact to contact)	
Max. clearance distance (contact to housing)	IEC 60601-1: 2MOPP, 2MOOP*	

Cable description

Cable outlet	back_nut
Min. cable diameter	2.7
Max. cable diameter	3.9

Mechanical and environmental data

Locking principle	push_pull
Mating cycles	2.000
IP class	IP50
Max. operating temperature	120 °C
Min. operating temperature	-50 °C
Weight	5.12 g

Material and surface treatments

Material	pei_black
Contact material	cu_alloy_with_gold_finish
Color option (Front or back nut)	black

Insulator materials MEDI-SNAP®

pei_peek

DIMENSIONS



CODING: 0 °



POSITIONS: 2 Positions



Further technical information and downloads

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

[Assembly Instruction](#)