

straight_push_pull_plug

size: 3.5, IP68, keying: f, number_of_contacts: 18, solder_cup, contact_type: pins, Signal



Basic information

Part number	SXBMFG-P18MJH0-0002
Category	connector
Type of connector	plug
Assembly situation	straight
Size	8a199b

Contact insert description

Special features	iec_60601_1_2_mopp_&_2_moop
Transmission type	Signal
Number of contacts	18
Contact type	pins
Contact diameter	2cbf01
Termination type	solder_cup
Termination diameter	47dc8e
Wire cross section AWG	e0cfa8

Technical information

Max. current single contact	11eca6	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Max. current insert	5	VDE 0298-4:2003
Test voltage	1.250 V	EIA-364-20F:2019-02
Max. creepage distance (contact to contact)	0.7 mm (Contact to housing)	
Max. creepage distance (contact to housing)	IEC 60601-1: 2MOPP. 2MOOP*	
Max. clearance distance (contact to contact)	0.7 mm (Contact to contact)	
Max. clearance distance (contact to housing)	IEC 60601-1: 2MOPP. 2MOOP*	

Cable description

Cable outlet	cable_bend_relief
Min. cable diameter	9.1
Max. cable diameter	10.5

Mechanical and environmental data

Locking principle	push_pull
Keying	f
Mating cycles	9e1839
IP class	IP68
Max. operating temperature	120 °C
Min. operating temperature	-50 °C
Weight	24.14 g

ip_protection_class_refers_to_mated_condition

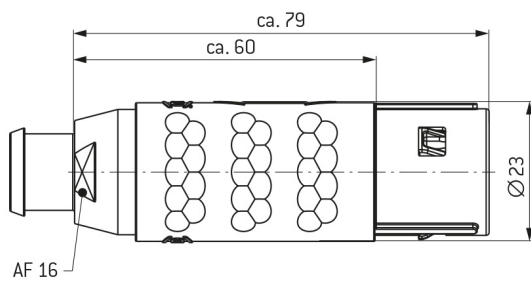
Material and surface treatments

Material	pei_gray
Contact material	gold

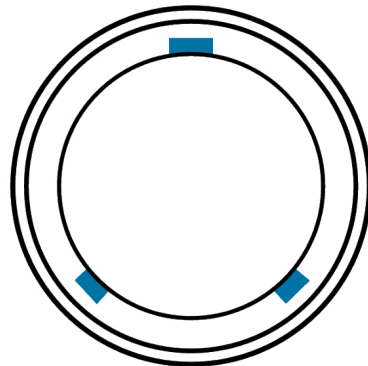
Insulator materials MEDI-SNAP®

pei_peek_size_b

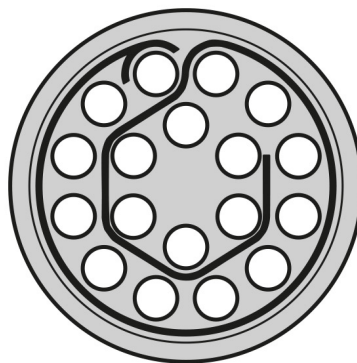
DIMENSIONS:



CODING: 90°



POSITIONS: 18 positions



Further technical information and downloads

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

[Assembly Instruction](#)