S41MA8-P09MCC0-528S

odu_medi_snap®

straight_push_pull_plug_for_bend_relief

size: 1, IP64, keying: a, number_of_contacts: 9, solder_cup, contact_type: pins, Signal

Basic information

Part number	S41MA8-P09MCC0-528S
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	9
Contact type	pins
Contact diameter	0.5 mm
Termination type	solder_cup
Termination diameter	0.45 mm
Wire cross section AWG	AWG 28

Technical information

Nominal current single contact	4 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Max. current insert	2.6	VDE 0298-4:2003
Test voltage	0.9 kV AC	EIA-364-20F:2019-02
Max. creepage distance (contact to contact)	0.65 mm (Contact to housing)	
Max. creepage distance (contact to housing)	IEC 60601-1: 2MOPP. 2MOOP*	
Max. clearance distance (contact to contact)	0.65 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	4
Max. cable diameter	5.2

Mechanical and environmental data

Locking principle	push_pull
Keying	a
Mating cycles	2000
IP class	IP64
Max. operating temperature	120 °C
Min. operating temperature	50 °C

ip_protection_class_refers_to_mated_condition

Material and surface treatments

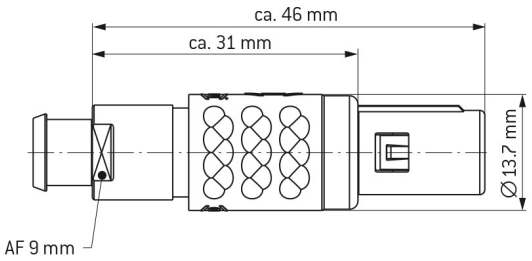
Material	psu_black
Insulator material	peek
Contact material	cu_alloy_with_gold_finish
Color option (Front or back nut)	black

Insulator materials MEDI-SNAP®

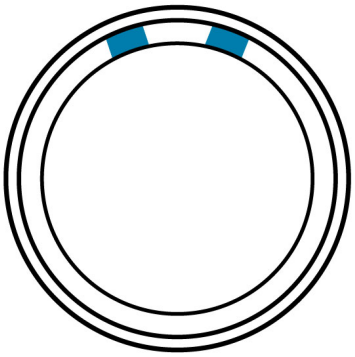
psu_peek

Graphics and technical drawings

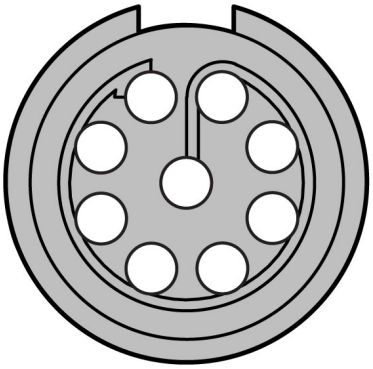
DIMENSIONS:



CODING: 40 °



POSITIONS: 9 Positions



Further technical information and downloads

3D-File (STP File)

Assembly Instruction