

**straight\_push\_pull\_plug**

size: 2, IP50, keying: c, number\_of\_contacts: 3, solder\_cup, contact\_type: sockets

**Basic information**

Part number	S12MC7-P03LTS0-7470
Category	connector
Type of connector	plug
Assembly situation	straight
Size	2

**Contact insert description**

Special features	high_voltage , iec_60601_1_2_mopp_&_2_moop
Number of contacts	3
Contact type	sockets
Contact diameter	2 mm
Termination type	solder_cup
Termination diameter	2.4 mm
Wire cross section AWG	AWG 14

**Technical information**

Nominal current single contact	22 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Max. current insert	22 A	VDE 0298-4:2003
Test voltage	mated: 3.5 kV AC; unmated 2.1 kV AC	EIA-364-20F:2019-02
Max. creepage distance (contact to contact)	mated: 4.7 mm; unmated: 2.0 mm (Contact to contact)	
Max. creepage distance (contact to housing)	IEC 60601-1: 2MOPP. 2MOOP*	
Max. clearance distance (contact to contact)	mated: 4.7 mm; unmated: 2.0 mm (Contact to contact)	
Max. clearance distance (contact to housing)	IEC 60601-1: 2MOPP. 2MOOP*	

**Cable description**

Cable outlet	back_nut
Min. cable diameter	5.4
Max. cable diameter	7.4

## Mechanical and environmental data

Locking principle	push_pull
Keying	coding_60°
Mating cycles	2.000
IP class	IP50
Max. operating temperature	120 °C
Min. operating temperature	50 °C
Weight	10.9 g

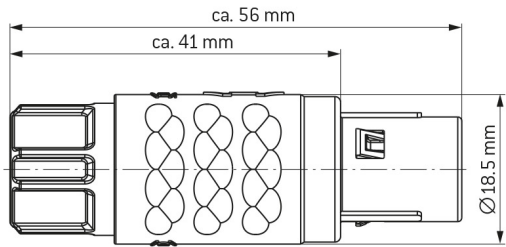
## Material and surface treatments

Material	psu_gray
Contact material	cu_alloy_with_gold_finish
Color option (Front or back nut)	gray

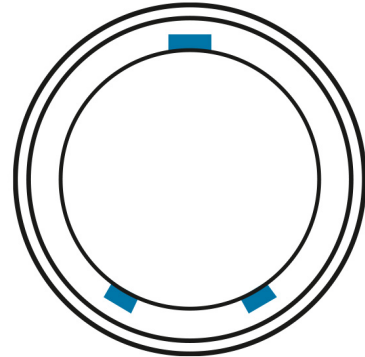
## Insulator materials MEDI-SNAP®

psu\_peek\_o\_a

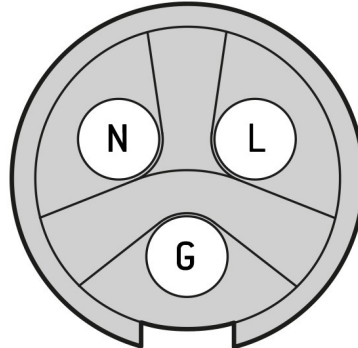
## DIMENSIONS:



## CODING: 60°



## POSITIONS: 3 positions



## Further technical information and downloads

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