

Straight push-pull plug

Size: 00, IP50, Keying: 0, Number of contacts: 3, Solder cup, Contact type: Pins, Signal



Basic information

Part number	S1CLOC-P03MCCO-3000
Category	Connector
Type of connector	Plug
Assembly situation	Straight
Size	00

Contact insert description

Transmission type	Signal
Number of contacts	3
Contact type	Pins
Contact diameter	0.5 mm
Termination type	Solder cup
Termination diameter	0.45 mm
Wire cross section AWG	AWG 28

Reverse gender on request

Technical information

Nominal current single contact	4 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Max. current insert	4	VDE 0298-4:2003
Test voltage	1.1 kV AC	SAE AS 13441:1998 method 3001.1
Max. creepage distance (contact to contact)	0.5 mm (Contact to housing)	
Max. creepage distance (contact to housing)	0.7 mm (Contact to housing)	
Max. clearance distance (contact to contact)	0.5 mm (Contact to contact)	
Max. clearance distance (contact to housing)	0.7 mm (Contact to housing)	

Cable description

Cable outlet	Back nut
Min. cable diameter	2.5
Max. cable diameter	3

Mechanical and environmental data

Locking principle	Push-Pull
Mating cycles	5.000
IP class	IP50
Max. operating temperature	120 °C
Min. operating temperature	-40 °C
Weight	3.6 g

*mated & unmated condition

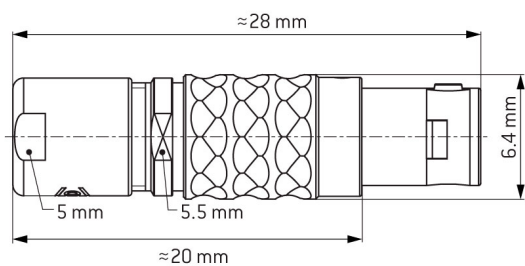
Material and surface treatments

Material	Cu-alloy with matt chrome finish
Insulator material	PEEK
Contact material	Cu-alloy with gold finish

ODU reserves the right to make changes based on the current state of knowledge without prior notice without being obliged to provide replacement deliveries or refinements of older designs.

All shown connectors are defined without breaking capacity (COC) according to IEC 61984:2008 (VDE 0627:2009).

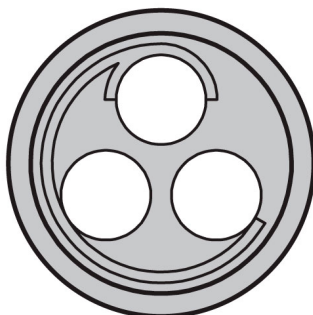
DIMENSIONS



CODING: 0 °



POSITIONS: 3 Positions



Further technical information and downloads

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

[Assembly Instruction](#)

[Technical specifications](#)