

receptacle_with_break_away_and_push_pull_locking_for_front_and_rear_panel_mounting_with_cable_outlet

size: 1, IP50, keying: 0, number_of_contacts: 3, crimp, contact type: sockets, Signal

**Basic information**

Part number	G51LOC-P03NPL0-0000
Category	connector
Type of connector	receptacle
Assembly situation	front_panel_mounting, rear_panel_mounting
Size	6b86b2

Contact insert description

Transmission type	Signal
Number of contacts	3
Contact type	sockets
Contact diameter	2cbf01
Termination type	crimp
Wire cross section AWG	c01f6f

Technical information

Max. current single contact	afd684	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Max. current insert	15	VDE 0298-4:2003
Test voltage	1 kV AC	SAE AS 13441:1998 method 3001.1
Max. creepage distance (contact to contact)	0.8 mm (Contact to housing)	
Max. creepage distance (contact to housing)	1.0 mm (Contact to housing)	
Max. clearance distance (contact to contact)	0.8 mm (Contact to contact)	
Max. clearance distance (contact to housing)	1.0 mm (Contact to housing)	

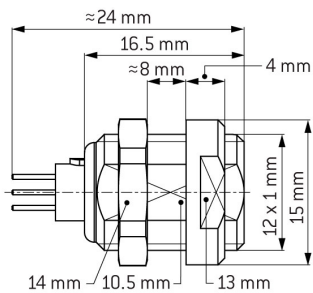
Mechanical and environmental data

Locking principle	break_away , push_pull
Mating cycles	9e1839
IP class	IP50
Max. operating temperature	120 °C
Min. operating temperature	-40 °C
Tightening torque	2.5 Nm
Weight	9.24 g

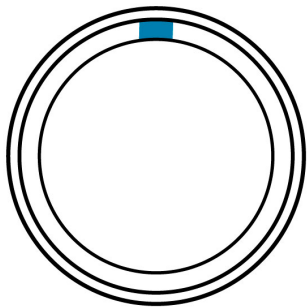
Material and surface treatments

Material	cu_alloy_with_matt_chrome_finish
Contact material	gold

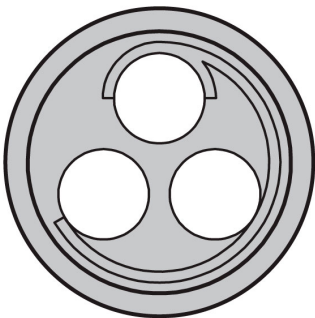
DIMENSIONS



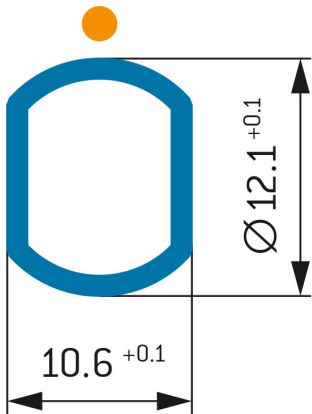
CODING: 0 °



POSITIONS: 3 Positions



PANEL CUT OUT:



Further technical information and downloads

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