Basic information

Part number	G51L0C-P05PJH0-0000
Category	connector
Type of connector	receptacle
Assembly situation	front panel mounting, rear panel mounting
Size	1

Contact insert description

Transmission type	Signal
Number of contacts	5
Contact type	pins
Contact diameter	0.9 mm
Termination type	crimp
Wire cross section AWG	AWG 20 – 24

Crimp contacts

Please refer to the installed contacts for the correct crimp settings and the tools to be used.

185.539.000.207.000

Technical information

Nominal current single contact	10 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Max. current insert	7.5	VDE 0298-4:2003
Test voltage	1 kV AC	SAE AS 13441:1998 method 3001.1
Max. creepage distance (contact to contact)	0.6 mm (Contact to housing)	
Max. creepage distance (contact to housing)	0.9 mm (Contact to housing)	
Max. clearance distance (contact to contact)	0.6 mm (Contact to contact)	
Max. clearance distance (contact to housing)	0.9 mm (Contact to housing)	

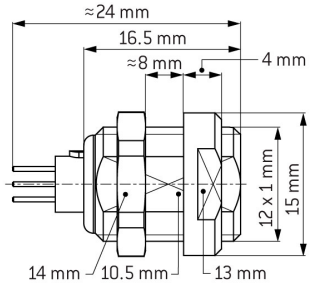
Mechanical and environmental data

Locking principle	break_away , push_pull
Mating cycles	5.000
IP class	IP50
Max. operating temperature	120 °C
Min. operating temperature	-40 °C
Tightening torque	2.5 Nm
Weight	10.17 g

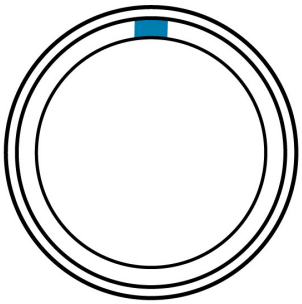
Material and surface treatments

Material	cu_alloy_with_matt_chrome_finish
Contact material	cu_alloy_with_gold_finish

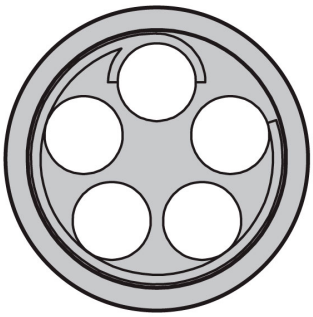
DIMENSIONS



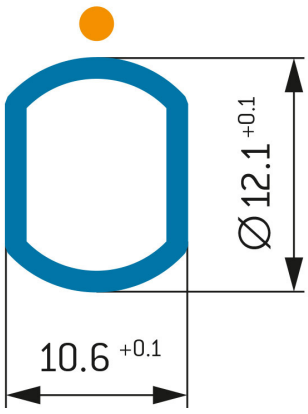
CODING: 0 °



POSITIONS: 5 Positions



PANEL CUT OUT:



Further technical information and downloads

3D-File (STP File)

Technical specifications