

straight_push_pull_plug_for_bend_relief

size: 2, IP50, keying: 0, number_of_contacts: 12, solder_cup, contact_type: pins, Signal

**Basic information**

Part number	S22LOC-P12MFG0-520S
Category	connector
Type of connector	plug
Assembly situation	straight
Size	d4735e

Contact insert description

Transmission type	Signal
Number of contacts	12
Contact type	pins
Contact diameter	ec72e6
Termination type	solder_cup
Termination diameter	08561d
Wire cross section AWG	374cb3

Technical information

Max. current single contact	4232cc	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Max. current insert	4.125	VDE 0298-4:2003
Test voltage	1.2 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)	1.1 mm (Contact to housing)	
Max. clearance distance (contact to contact)	0.8 mm (Contact to contact)	
Max. clearance distance (contact to housing)	1.1 mm (Contact to housing)	

Cable description

Cable outlet	cable_bend_relief
Min. cable diameter	4
Max. cable diameter	5.2

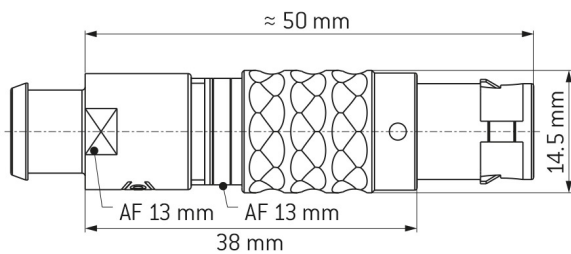
Mechanical and environmental data

Locking principle	push_pull
Mating cycles	9e1839
IP class	IP50
Max. operating temperature	120 °C
Min. operating temperature	-40 °C
Weight	27.67 g

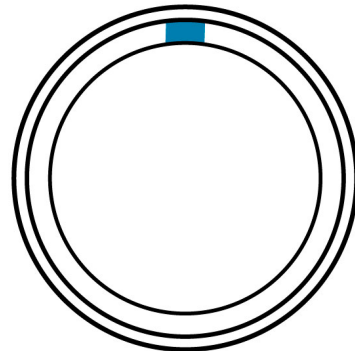
Material and surface treatments

Material	cu_alloy_with_matt_chrome_finish
Contact material	gold

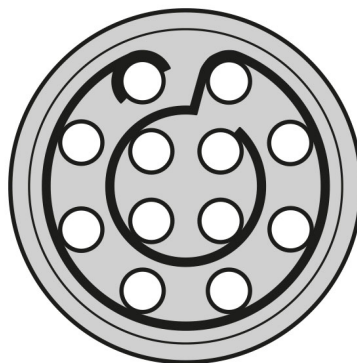
DIMENSIONS:



CODING: 0 °



POSITIONS: 12 positions



Further technical information and downloads

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

[Assembly Instruction](#)