

straight_in_line_receptacle_with_break_away_and_push_pull_locking

size: 2, IP50, keying: 0, number_of_contacts: 2, solder_cup, contact_type: sockets, Signal

**Basic information**

Part number	K12LOC-P02LTQ0-4200
Category	connector
Type of connector	in_line_receptacle
Assembly situation	straight
Size	2

Contact insert description

Transmission type	Signal
Number of contacts	2
Contact type	sockets
Contact diameter	2 mm
Termination type	solder_cup
Termination diameter	1.85 mm
Wire cross section AWG	AWG 16

Technical information

Nominal current single contact	18 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Max. current insert	24	VDE 0298-4:2003
Test voltage	2.1 kV AC	SAE AS 13441:1998 method 3001.1
Max. creepage distance (contact to contact)	1.6 mm (Contact to housing)	
Max. creepage distance (contact to housing)	1.2 mm (Contact to housing)	
Max. clearance distance (contact to contact)	1.6 mm (Contact to contact)	
Max. clearance distance (contact to housing)	1.2 mm (Contact to housing)	

Cable description

Cable outlet	back_nut
Min. cable diameter	3
Max. cable diameter	4.2

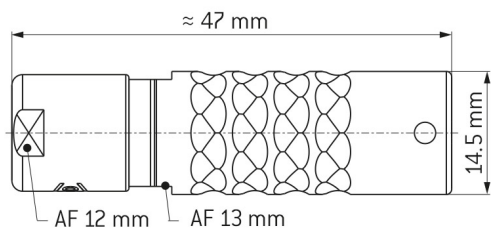
Mechanical and environmental data

Locking principle	break_away , push_pull
Mating cycles	5.000
IP class	IP50
Max. operating temperature	120 °C
Min. operating temperature	-40 °C
Weight	29.04 g

Material and surface treatments

Material	cu_alloy_with_matt_chrome_finish
Contact material	cu_alloy_with_gold_finish

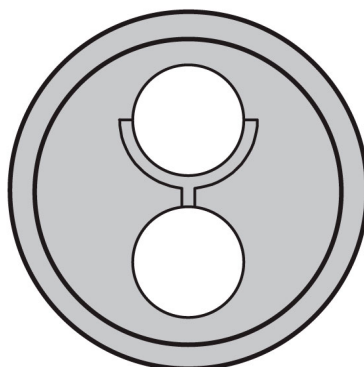
DIMENSIONS:



CODING: 0 °



POSITIONS: 2 Positions



Further technical information and downloads

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

[Technical specifications](#)