

pcb_receptacle_with_break_away_and_push_pull_locking

size: 0, IP50, keying: 0, number_of_contacts: 5, pcb, contact_type: sockets, Signal



Basic information

Part number	GP0LOC-P05QF00-0000
Category	connector
Type of connector	receptacle
Assembly situation	straight
Size	5feceb

Contact insert description

Transmission type	Signal
Number of contacts	5
Contact type	sockets
Contact diameter	ec72e6
Termination type	pcb
Termination diameter	88d6d3

Technical information

Max. current single contact	9eeaa1	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Max. current insert	4.5	VDE 0298-4:2003
Test voltage	1.1 kV AC	SAE AS 13441:1998 method 3001.1
Max. creepage distance (contact to contact)	0.7 mm (Contact to housing)	
Max. creepage distance (contact to housing)	0.8 mm (Contact to housing)	
Max. clearance distance (contact to contact)	0.7 mm (Contact to contact)	
Max. clearance distance (contact to housing)	0.8 mm (Contact to housing)	

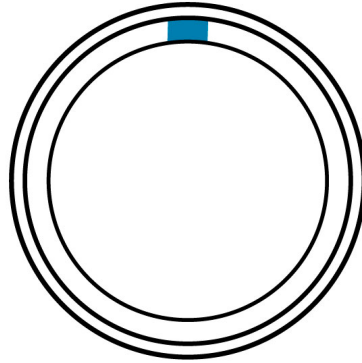
Mechanical and environmental data

Locking principle	break_away , push_pull
Mating cycles	9e1839
IP class	IP50
Max. operating temperature	120 °C
Min. operating temperature	-40 °C
Weight	6.29 g

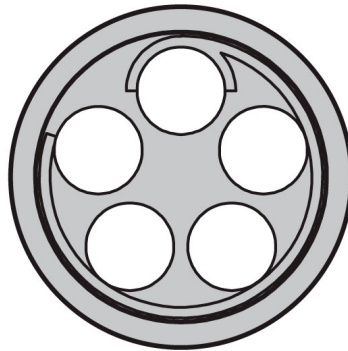
Material and surface treatments

Material	cu_alloy_with_matt_chrome_finish
Contact material	gold

CODING: 0 °



POSITIONS: 5 Positions



f_graphics_pcb_layout_sockets

Further technical information and downloads

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