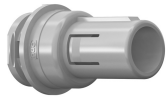


straight_break_away_plug_for_overmolding

size: 1, IP67, keying: 0, number_of_contacts: 14, solder_cup, contact_type: pins, Signal



Basic information

Part number	A51M07-014BCC0-0000
Category	connector
Type of connector	plug
Assembly situation	straight
Size	6b86b2

Contact insert description

Special features	disposable , iec_60601_1_2_mopp_&_2_moop
Transmission type	Signal
Number of contacts	14
Contact type	pins
Contact diameter	88d6d3
Termination type	solder_cup
Termination diameter	34856b
Wire cross section AWG	5ef463

Technical information

Max. current single contact	eb211c	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Max. current insert	2	VDE 0298-4:2003
Test voltage	0.7 kV AC	EIA-364-20F:2019-02
Max. creepage distance (contact to contact)	0.5 mm (Contact to housing)	
Max. creepage distance (contact to housing)	IEC 60601-1: 2MOPP, 2MOOP*	
Max. clearance distance (contact to contact)	0.5 mm (Contact to contact)	
Max. clearance distance (contact to housing)	IEC 60601-1: 2MOPP, 2MOOP*	

Cable description

Cable outlet	overmolding
--------------	-------------

Mechanical and environmental data

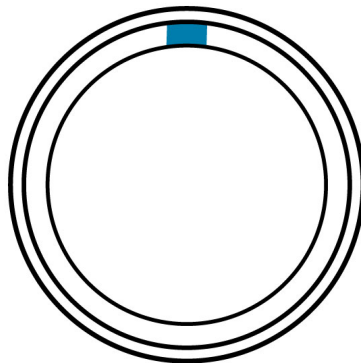
Locking principle	break_away
Mating cycles	9e1839
IP class	IP67
Max. operating temperature	120 °C
Min. operating temperature	-50 °C
Weight	3.05 g

ip_protection_class_refers_to_mated_condition

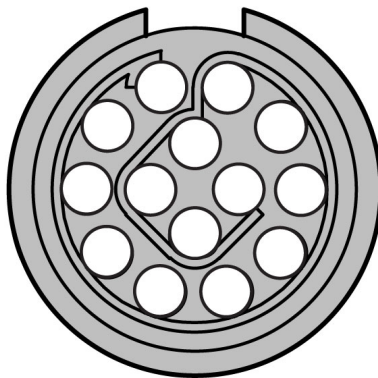
Material and surface treatments

Material	psu_gray
Contact material	gold

CODING: 0 °



POSITIONS: 14 Positions



Further technical information and downloads

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

[Assembly Instruction](#)