

straight_break_away_plug_for_overmolding

size: 2, IP64, keying: c, number_of_contacts: 16, solder_cup, contact_type: pins, Signal



Basic information

Part number	A52MC7-016MFG0-0000
Category	connector
Type of connector	plug
Assembly situation	straight
Size	d4735e

Contact insert description

Special features	disposable , iec_60601_1_2_mopp_&_2_moop
Transmission type	Signal
Number of contacts	16
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	3.75	VDE 0298-4:2003
Test voltage	550 V	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
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Mechanical and environmental data

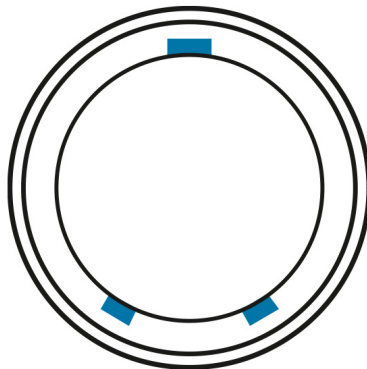
Locking principle	break_away
Keying	c
Mating cycles	ebda82
IP class	IP64
Max. operating temperature	120 °C
Min. operating temperature	-50 °C
Weight	3.61 g

ip_protection_class_refers_to_mated_condition

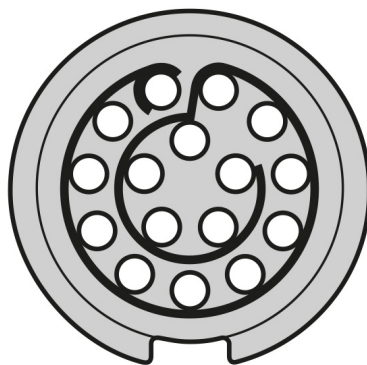
Material and surface treatments

Material	psu_gray
Contact material	gold

CODING: 60°



POSITIONS: 16 positions



Further technical information and downloads

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

[Assembly Instruction](#)