

receptacle_with_break_away_and_push_pull_locking_for_front_panel_mounting

size: 3.5, IP68, keying: f, number_of_contacts: 41, solder_cup, contact_type: sockets, Signal

Basic information

Part number	GABMFG-P41LCD9-0001
Category	connector
Type of connector	receptacle
Assembly situation	front_panel_mounting
Size	3.5

Contact insert description

Special features	iec_60601_1_2_mopp_&_2_moop
Transmission type	Signal
Number of contacts	41
Contact type	sockets
Contact diameter	0.5 mm
Termination type	solder_cup
Termination diameter	0.65 mm
Wire cross section AWG	AWG 26

Technical information

Max. current single contact	6 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Max. current insert	2.4	VDE 0298-4:2003
Test voltage	0.75 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)	2.4 mm (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)	2.4 mm (Contact to housing). IEC 60601-1: 2MOPP, 2MOOP*	

Mechanical and environmental data

Locking principle	break_away , push_pull
Keying	f
Mating cycles	2.000
IP class	IP68
Max. operating temperature	120 °C
Min. operating temperature	-50 °C
Weight	21.56 g

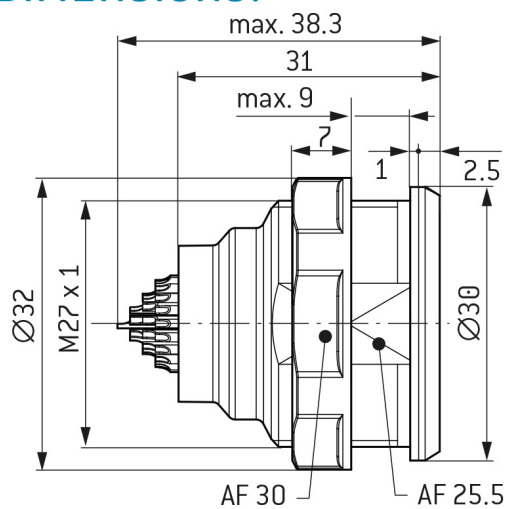
Material and surface treatments

Material	pei_gray
Contact material	gold
Color option (Front or back nut)	gray

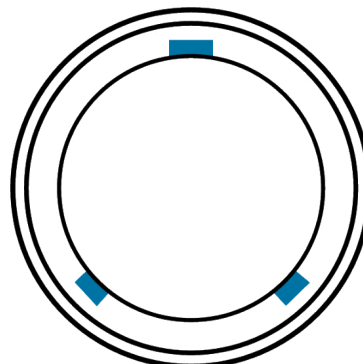
Insulator materials MEDI-SNAP®

pei_peek_size_b_o_a

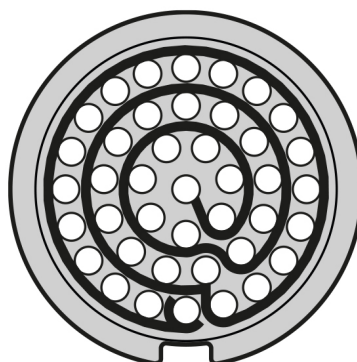
DIMENSIONS:



CODING: 90°



POSITIONS: 41 positions



Further technical information and downloads

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