

Basic information

Part number	G8BMFG-U01CA00-0071
Category	connector
Type of connector	receptacle
Assembly situation	rear_panel_mounting
Size	3.5

Contact insert description

Special features	high_power , high_current , high_voltage
Number of contacts	1
Contact type	sockets
Contact diameter	6 mm
Termination type	crimp
Termination diameter	5.5 mm
Wire cross section AWG	AWG 4
Wire cross section mm²	16 mm²

Technical information

Max. current single contact	80 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Test voltage	6.600 V	DIN EN 61984:2009
Operating voltage	1000 V AC	DIN EN 61984

safety_text_hv

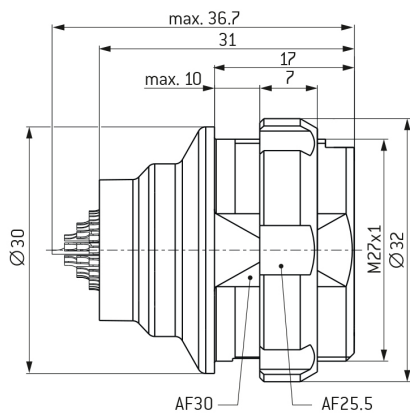
Mechanical and environmental data

Locking principle	break_away , push_pull
Keying	f
Mating cycles	5.000
IP class	IP50
Max. operating temperature	125 °C
Min. operating temperature	-50 °C
Weight	33.9 g

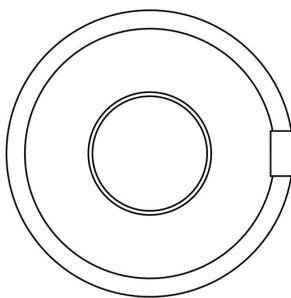
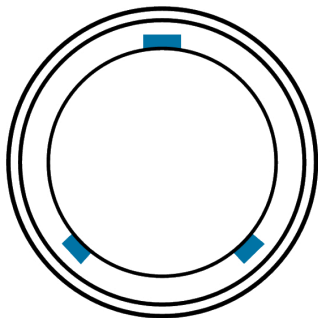
Material and surface treatments

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

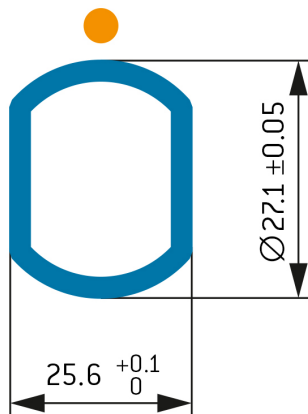
DIMENSIONS:



CODING: 90°



PANEL CUT OUT:



Further technical information and downloads

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

[Assembly Instruction](#)