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4. LIFE Cycle : 10,000 Steps

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1.MECHANICAL DATA PERMISS, AMBIENT TEMP, -40°C - +85°C POSITIONS PER ROTATION MECH. LIFETIME MIN. 10° STEPS TURQUE MIN. 0.7NCm 10, 16(NON-SELF-LOCKING)

ΓV 3. SOLDER RECOMMENDATIONS SOLDER BATH MAX. 105/260°C CONTACT LOAD. STATIC <= 0.2A DPERATING VOLTAGE <=42V SOLDER IRON MAX. 25/340°C CONTACT RESISTANT < 80m0hm NORMAL AND TEST VOLTAGE 250V 50Hz/1min CONTACT LOAD. DYNAMIC <= 0.15A INSULATION RESISTANCE > 100MOhm ELECTRICAL DATA



ROTARY DIP SWITCH SPECIFICATION

1. Style:

This specification describes "Rotary Switch" mainly used as signal switch of electric devices with the general requirements of mechanical and electrical characteristics.

1.1 Operating / Storage Temperature Range : -40 $^\circ C~\sim$ +85 $^\circ C$

2. Current Range:

- 2.1 None-Switching : 200mA, 42V
- 2.2 Switching : 150mA, 42V

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- 3. Type of Actuation : Rotating
- 4. Test Sequence

	ITEM	DESCRIPTION	TEST CONDITIONS	REQUIREMENTS
ELECTRIC PERFORMANCE	1	Visual Examination	By visual examination check without any out pressure & testing.	There shall be no defects that affect the serviceability of the product
	2	Contact Resistance	 To be measured between the two terminals associated with each switch pole Measurements shall be made with a lkHz shall current contact resistance meter 	80mΩ max
	3	Insulation Resistance	250V DC, 1minute ± 5 seconds	100MΩ min
	4	Dielectric withstanding Voltage	250V AC(50Hz or 60Hz)shall be applied between all the adjacent terminal and between the terminal and the frame For 1 minute	There shall be no breakdown or flash over
M A C H I N	5	Operation Force	Applied in the direction of operation	700gf/cm. max
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ROTARY DIP SWITCH SPECIFICATION

Rev. A P: 3/4

5. Wave Soldering Conditions:



7. This item is "ROHS" Compliant



ROTARY DIP SWITCH SPECIFICATION

Rev. A P: 4/4

8. Part List

NO	PART NAME	Q'TY	MATERIALS	TREATMENT	REMARK
1	COVER	1	DAGO		Print:Black
2	BASE	1	FA00		
3	ACTUATOR	1	РОМ		
4	CONTACT & TERMINAL	1	PHOSPHOR BRONZE	CONTACT AND TERMINAL PLATING: GOLD PLATING OVER NICKEL	Au0.07μm Min Ni0.1μm Min
5	РСВ	1	EPOXY	PLATING: GOLD PLATING	Au0.05µm Min
6	O-Ring	1	SILICONE		

SM SWITCH CO., LTD.