

### **Specifications**

Note: 1.Tolerance unless otherwise specified:±0.4mm.

2.Accessory parts: 3"Hexagon nut one piece & lockwasher one piece.

Contact Rating :AC125V 0.3A.

Insulation Resistance :DC500V-100 Mega Ohms Min.

Withstand Voltage :AC500V at 1 minute.

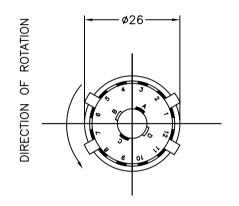
Rotation Torgue :0.5±0.2 Kg-cm.

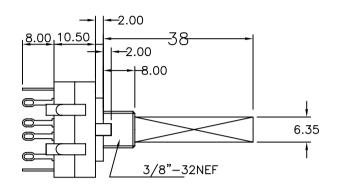
Timing: Non-Shorting.

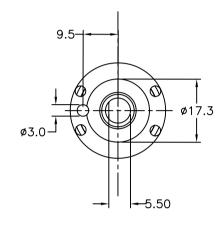
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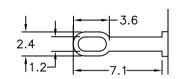
Tel:02-2745 8908. Fax:886-2-2765 3456.

	符號	原尺寸	修改後尺寸	變更日期	SCALE (比例): 2:1	TITLE	ROTARY SWITCH		ITCH	SIZE 圖紙	A4	
1	<u>(A)</u>				TOLERANCE (公差):	圖名 DWG NO.		DO 00	200 044	10.001		inch
2	<u>B</u>				0.00 mm ± 0.25mm	圖號		RS 22	268-011		單位	mm
3	<u> </u>				0.0 mm ± 0.40mm	REV. 版本	Α	DATA	MAR - 0	9 - 2000	SHEET	1 of 1
$\lfloor 4 \rfloor$	(D)				ANGULAR: ± 2.54 mm	CHECKED BY			Ī	DRAWN BY	刀攻 安义	
5	Œ				FILE NAME: 52183	審核				製圖	BOBO	)









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	符號	原尺寸	修改後尺寸	變更日期	SCALE (比例): 2:1	TITLE 圖 名	ROTARY SWITCH		SIZE 圖紙	A4
1	(A)				TOLERANCE (公差):	DWG NO.	D0.6	2000 0000 0011	UNIT	inch
2	B				0.00 mm ± 0.25mm	圖號	RS 2	2268-0206-38N	單位	mm
3	0				0.0 mm ± 0.40mm	REV. 版本	A DATA	MAR - 09 - 2000	SHEET	1 of 1
4	<b>D</b>				ANGULAR : ± 2.54 mm	CHECKED BY		DRAWN BY	/ 灰 数	<u> </u>
5	(E)				FILE NAME: 52183	審核		製圖	ВОВО	)



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## **RS2268 SPECIFICATION**

Document No	RS-2268	REV : D
2	1	RoHS

#### 1. TEST CONDITIONS

Standard test conditions shall be 5-35°C in temperature and 45-85% RH in humidity. Should any doubt arise in judgment test shall be conducted at 20±2°C and 65±5% RH.

### 2. OUTSIDE DIMENSION

Append drawing.

#### 3. MECHANICAL PERFORMANCE

Item	Test Condition	Specification
3.1 Operating force	Operation temperature:-10 $^{\circ}$ C ~ +70 $^{\circ}$ C	0.5±0.2kgf-cm
	Storage temperature:-40°C ~ +85°C	
3.2 Control strength	A static load of 1000gf-cm shall be	N/A
	applied in the operating direction and	
	tensile direction of the unit for one	
	minute.	
_	A static load of 1000gf-cm shall be	N/A
	applied to the tip of the terminal in a	
	desired direction for one minute.	
	The number of tests shall be one per	
	terminal.	Less than 1 mm
	Shall be measured by applying a static load of 100gf-cm to the tip of control	Less than 1 mm
	unit.	
	Regarding preheating, the entire flow	More than 90% of the dipped
_	duration should not exceed 2 minutes,	part shall be covered by solder
	and soldering surface temperature	
	( undersurface of PCB ) shall be	
	settled within 100℃.	
	Temperature of solder 260±5°C	
	Duration of dipping 4±0.5 seconds	
3.6 Soldering heat resistanc	e Flow soldering condition:	No abnormalities shall be
	to be performed in 4±0.5 seconds	observed in appearance and
	within 260±5℃	operation shall be assured.
	Manual soldering condition:	
	to be performed in 3±0.5 seconds Max	
0 7 01 6 4	within 350±5℃	
3.7 Shaft stopper strength:	N/A	More than 5kg-cm
3.8 Bushing mount strength:	: N/A	5kg-cm min



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### RS2268 SPECIFICATION

Document No	RS-2268	REV : D
2	2	RoHS

More than  $100M\Omega$ 

N/A

#### 4. ELECTRICAL PERFORMANCE

Item **Test Condition** Requirement N/A AC125V 0.3A 4.1 Rating 4.2 Contact resistance Shall be measured at 1KHz±200Hz Less than 50mΩ

(Max 20mV, Max 50mA) or 5V DC,

1A by a voltage drop method

4.3 Insulation resistance Shall be measured by applying

> 500V DC, between all terminals and between the terminal and the frame

for 1 minute ± 5 seconds

4.4 Withstand voltage 500V AC (50~60Hz, 2mA)

> Shall be applied between all terminals and between the terminal and frame

for one minute

#### 5. DURABILITY

5.1 Operating life under 10,000 cycles of operation shall be Contact resistance: no load less than 80mQ performed continuously at a rate of

> 15-20 cycles per minute without load. After operating life test, shall be in

accordance with the following

specifications.

Insulation resistance:

more than  $50M\Omega$ Withstand Voltage:

250V AC per one minute

Operating force:

less than +10%,-30% for initial operating force

5.2 Operating life under

load

10,000 cycles of operation shall be performed continuously at a rate of

15-20 cycles per minute with resistive

load of 125V AC, 0.3A

After operating life test, shall be in

accordance with the following

specifications.

Contact resistance:

less than  $100 \text{m}\Omega$ 

Other specifications are the

same as operating life

under no load.

#### 6. NOTE

Terminals top side is covered by flux resist resin.