
		Tolerances Unless Otherwise Specified		TOMY INDUSTRAIL CO., LIMITED	
SCALE	UNIT	L<10		±0.3			
	mm	10<L<100		±0.5		DRAWING TITLE  1283S	
Revision Notes		100<L		±0.8			
		Angular Dimension		±5°		DRAWING NAME	
		DESIGNED	DRAWN	CHECKED	APPROVED		
			EDDIE WONG			DRAWING NO.	

## **SWITCH SPECIFICATIONS    MODEL NO. 1283S**

---

### **TACT SWITCH SPECIFICATION**

#### **1、 MECHANICAL SPECIFICATION**

- |                               |   |
|-------------------------------|---|
| 1-1. Max Operation Frequency: | 200 operations/min.                         |
| 1-2. Operating Cycles:        | 100,000(with load)<br>200,000(without load) |
| 1-3. Operating Force:         | max. 100gf/70gf                             |
| 1-4. Releasing Force:         | min   |
| 1-5. Operating Position:      | $5.5 \pm 0.3\text{mm}$                      |
| 1-6. Movement Differential:   | max. 0.15mm                                 |
| 1-7. Over travel:             | min. 0.2mm                                  |
| 1-8. Pre travel:              | max.0.5mm                                   |

#### **2、 ELECTRICAL SPECIFICATION**

- |                                   |                         |
|-----------------------------------|-------------------------|
| 2-1. Rating:                      | 3A, 125VAC              |
| 2-2. Contact Resistance(initial): | Less than 50m $\Omega$  |
| (after expected life):            | less than 200m $\Omega$ |

#### **3、 DIELECTRIC STRENGTH**

- |   |           |
|---|-----------|
| 3-1. Between Terminals:                               | 1000V rms |
| 3-2. Between Terminals And Other Exposed Metal Parts: | 1500V rms |
| 3-3. Between Terminals And Ground:                    | 1500V rms |

#### **4、 DURABILITY**

- |                           |   |
|---------------------------|---|
| 4-1. Ambient Temperature: | -25°C to +65°C                          |
| 4-2. Ambient Humidity:    | max.85%RH                               |
| 4-3. Solder Dip Time:     | $250 \pm 5^\circ\text{C}$ within 5 sec. |