

- Single pole/double throw
- Compatible with most surface mount manufacturing processes
- 50 or 2000 cycle rotational life
- Tape and reel packaged

- RoHS compliant* - see [processing information](#) on RoHS compliant surface mount components
- For switch applications/processing guidelines, [click here](#)

Electrical Characteristics

Maximum Current..... 100 mA max.
Maximum Voltage..... 16 V
Contact Timing..... Non-shorting
Contact Resistance 2 ohms max.
Insulation Resistance
..... 100 megohms min.
Dielectric Strength250 VAC

Switch Type SPDT
Operating Temperature Range -55 °C to +125 °C
Storage Temperature Range -55 °C to +125 °C
Seal Test 85 °C Fluorinert

Positions.....2
Adjustment Torque......5 N-cm max.
Stop Strength.....1.8 N-cm min.

Shock..... 20 G
0.1 ms max. discontinuity
Vibration 100 G
0.1 ms max. discontinuity
Thermal Shock(5 cycles)
-55 °C to +125 °C

Insulation Resistance 10 megohms min.

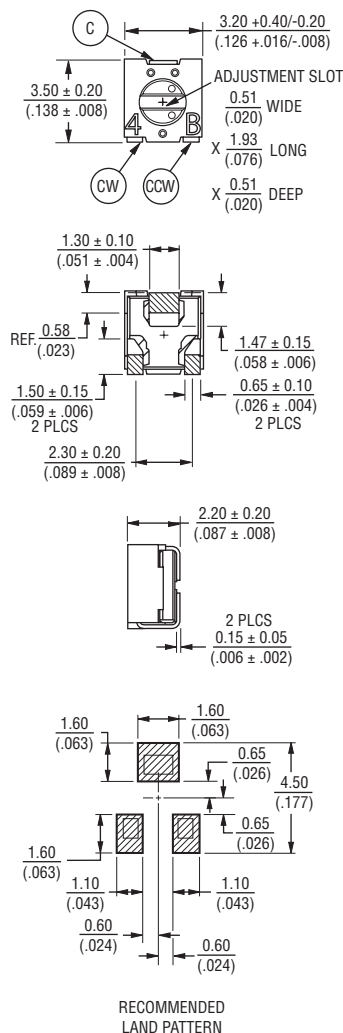
-051 50 Cycles
-023 2000 Cycles

J..... 1,000 pcs./reel
S..... 200 pcs./reel

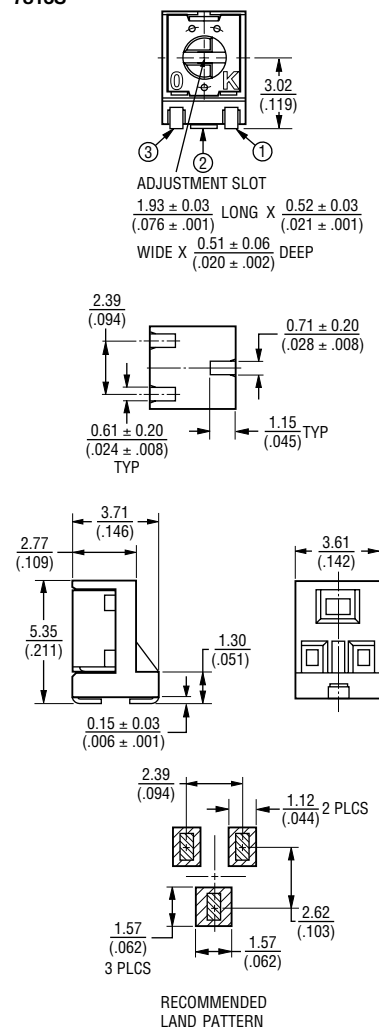
7813 J - 1 - 051 E

Model _____
Terminal _____
Switch Type _____
1 = SPDT
Rotational Life _____
-051 = 50 Cycles
-023 = 2000 Cycles
Embossed Tape _____
E = 1000 Pcs./180 mm Reel (J Style)
2000 Pcs./180 mm Reel (S Style)

7813.J

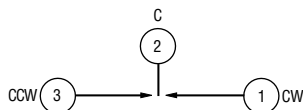


7813S



DIMENSIONS: $\frac{\text{MM}}{(\text{INCHES})}$

TOLERANCES: ± 2 EXCEPT WHERE NOTED.



*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.

†“Fluorinert” is a registered trademark of 3M Co.

Specifications are subject to change without notice.

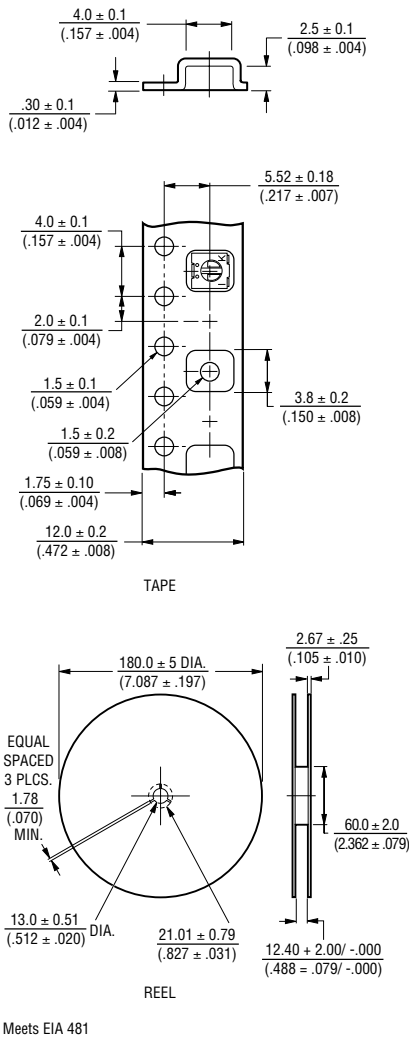
Customers should verify actual device performance in their specific applications.

7813 SMD 3 mm Square Sealed Rotary Switch

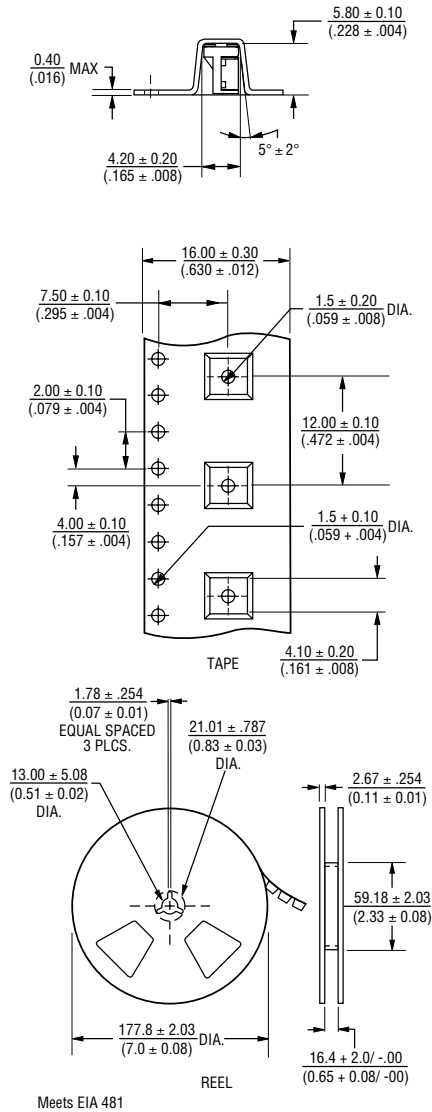
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Packaging Specifications

7813J



7813S



DIMENSIONS: $\frac{\text{MM}}{(\text{INCHES})}$

REV. 04/12

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