



# MM1W3V3 TURU MM1W330

Reverse Voltage - 3.3 to 330 Volts Peak Pulse Power: 1.0W

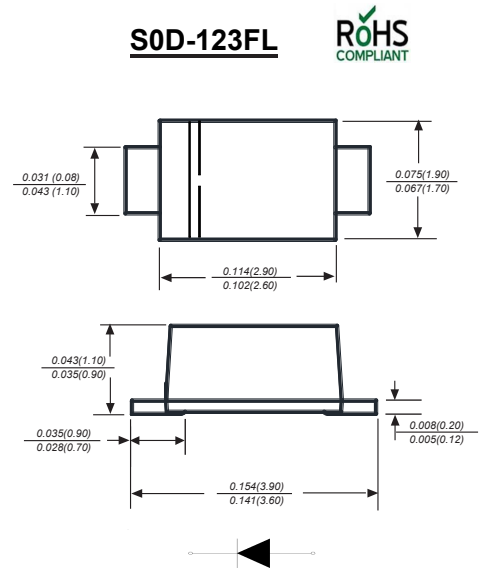
## SURFACE MOUNT ZENER DIODE

### Features

- ◆ Small plastic package suitable for surface mounted design.
- ◆ Glass passivated junction
- ◆ High temperature soldering guaranteed: 260
- ◆ C/10S/9.5mm lead length at 10 lbs tension

### Mechanical Data

**Case** : JEDEC SOD-123FL Molded plastic body  
**Terminals** : Plated axial leads, solderable per MIL-STD-750, Method 2026  
**Polarity** : Color band denotes cathode end  
**Mounting Position** : Any  
**Weight** : 0.0007 ounce, 0.02 grams



### Maximum Ratings And Electrical Characteristics

Ratings at 25°C ambient temperature unless otherwise specified.

Single phase half-wave 60Hz, resistive or inductive load, for capacitive load current derate by 20%.

MDD Catalog Number	SYMBOLS	VALUE	UNITS
Power Dissipation at $T_L=75^\circ\text{C}$ ,	$P_D$	1.0	W
Forward Voltage at $I_F=200\text{mA}_F$	$V_F$	1.2	
Typical thermal resistance junction to ambient <sup>(1)</sup>	$R_{\theta JA}$	55	$^\circ\text{C/W}$
Operating and Storage Temperature Range	$T_J, T_{stg}$	-55 to + 150	$^\circ\text{C}$

Note 1: Thermal resistance from junction to ambient at P.C.B. mounted with 0.2 X 0.2" (5 X 5 mm) copper areas pads.





## Ratings And Characteristic Curves

Fig.1 Maximum Continuous Power Derating

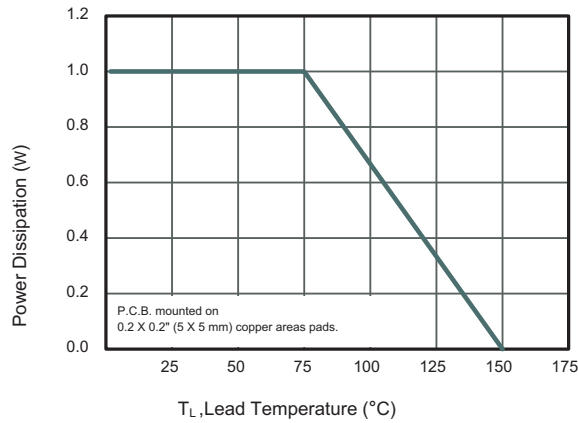
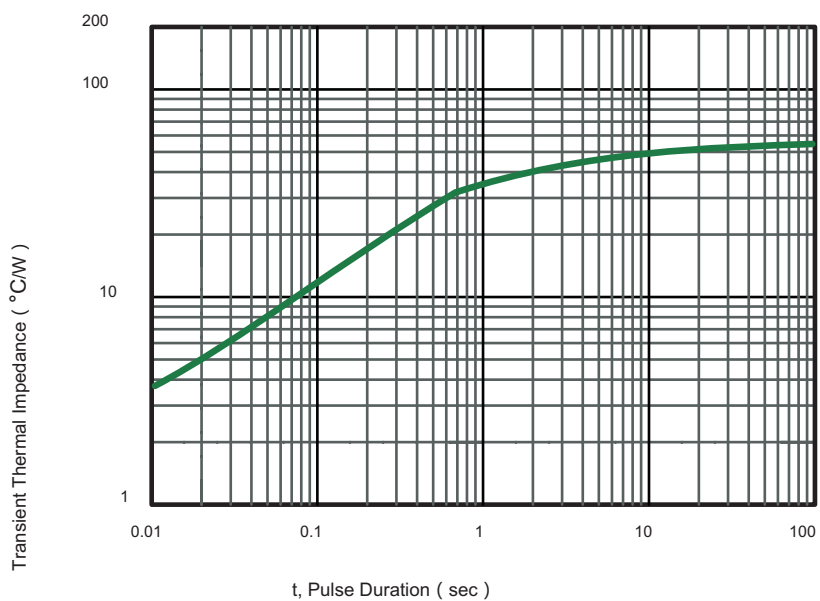


Fig- Typical Transient Thermal Impedance



The curve above is for reference only.

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