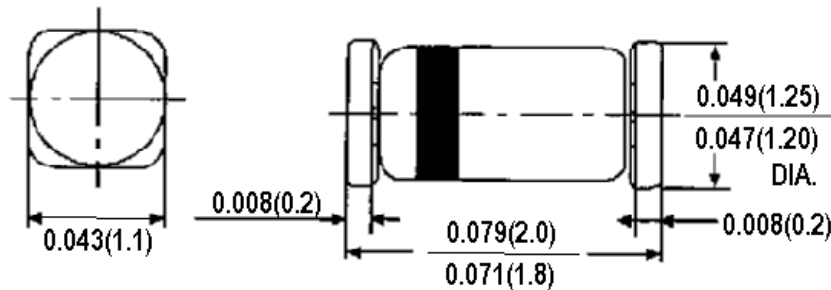


**SURFACE MOUNT ZENER DIODE****MICRO MELF (Molded Glass)**

Unit: inch (mm)

**ABSOLUTE MAXIMUM RATINGS**

DESCRIPTION	SYMBOL	VALUE	UNIT
Power Dissipation up to $T_{amb} = 25^{\circ}\text{C}$	P_{tot}	500*	mW
Storage Temperature	T_{stg}	-65 to +175	$^{\circ}\text{C}$
Junction Temperature	T_j	175	$^{\circ}\text{C}$
Thermal Resistance Junction to Ambient Air	R_{thA}	0.3*	K/mW
Forward Voltage at $I_F = 100\text{mA}$	V_F	1	V

*Valid provided that leads are kept at ambient temperature at a distance of 8mm from case.

ELECTRICAL CHARACTERISTICS

Device Type	Nominal Zener Voltage $V_Z(V)$ @ $I_{ZT} = 5\text{mA}$		Maximum Zener Impedance		Typical Temperature coefficient % $^{\circ}\text{C}$	IR @ VR Leakage Current IR uA VR Volt	Maximum Regulator Current I_{zM} mA
	min	max	Z_{zT} at $I_{ZT} = 5\text{mA}$ ohm	Z_{zk} at $I_{zk} = 1\text{mA}$ ohm			
BZM55C30	28	32	80	220	+0.080	0.1 22	13

*Measured with pulses $T_P = 20\text{m SEC}$.

1. Standard voltage tolerance is 5%