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rectifier diodes

Types	I_O (A)	V_{RRM} (V)	I_{FSM} 10 ms (A)	$V_{(BR)R}$ @ I_R = 100 µA (V) min	max	P_{RSM} 10 µs⎍ (kW)	V_F / I_F V_F (V) max	I_F (A)	I_R max / T_{amb} @ V_{RRM} (mA)	(T_{amb} °C)
2 A / T_{amb} = 25°C T_j = 175°C										
				I_R = 50 µA						
1N 3938		200		240	500	7				
1N 3939		400		480	750	6				
1N 3940	2	600	70	720	1000	4	1,1	2	0,5	150
1N 3941		800		960	1200	3				
1N 3942		1000		1160	1400	1,5				

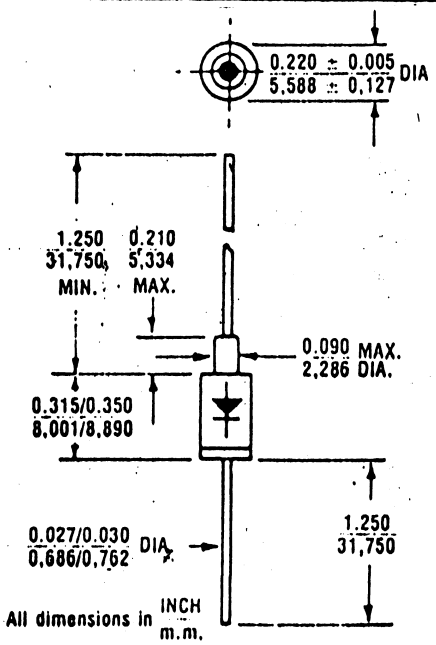

FIGURE 1

MECHANICAL CHARACTERISTICS

CASE: DO-13, welded, hermetically sealed metal and glass.

FINISH: All external surfaces are corrosion resistant and leads solderable.

THERMAL RESISTANCE: 100° C/W (Typical) junction to ambient.

POLARITY: Cathode connected case.

WEIGHT: 1.4 grams.

MOUNTING POSITION: Any.

Quality Semi-Conductors