

rectifier diodes

Types	I_O (A)	V_{RRM} (V)	I_{FSM} 10 ms (A)	$V_{(BR)R}$ @ $I_R = 100 \mu A$ (V) min max	P_{RSM} 10 μs (kW)	V_F / I_F (V) (A) max	$I_{g \max} / T_{amb}$ @ V_{RRM} (mA) ($^{\circ}C$)
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2 A / $T_{amb} = 25^{\circ}C$ $T_j = 175^{\circ}C$

Types	I_O	V_{RRM}	I_{FSM}	$I_R = 50 \mu A$	P_{RSM}	V_F / I_F	$I_{g \max} / T_{amb}$
1N 3938		200		240	7		
1N 3939		400		480	6		
1N 3940	2	600	70	720	4	1,1	2
1N 3941		800		960	3		
1N 3942		1000		1160	1,5		0,5
				1400			150

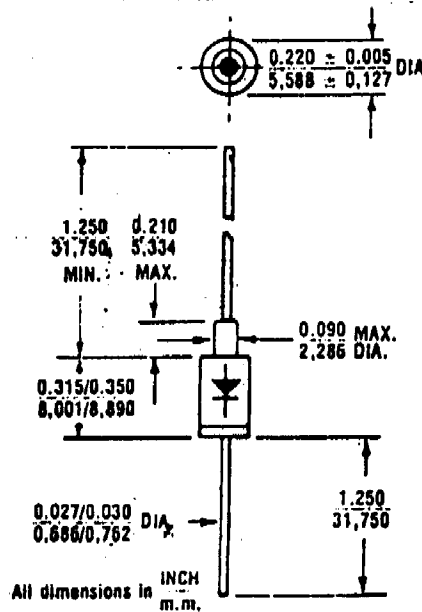


FIGURE 1

MECHANICAL CHARACTERISTICS

CASE: DO-18, 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.



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