

rectifier diodes

Types	I _O (A)	V _{RRM} (V)	I _{FSM} 10 ms (A)	V _{(BR)R} @ I _R = 100 μ A (V) min max	P _{RSM} 10 μ s μ L (kW)	V _F / I _F (V) (A) max	I _R max / T _{amb} @ V _{RRM} (mA) (°C)
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2 A / T_{amb} = 25°C T_j = 175°C

1N 3938	2	200	70	I _R = 50 μ A		1,1	2	0,5	150
1N 3939		400		240	500				
1N 3940		600		480	750				
1N 3941		800		720	1000				
1N 3942		1000		960	1200				
				1160	1400	1,5			

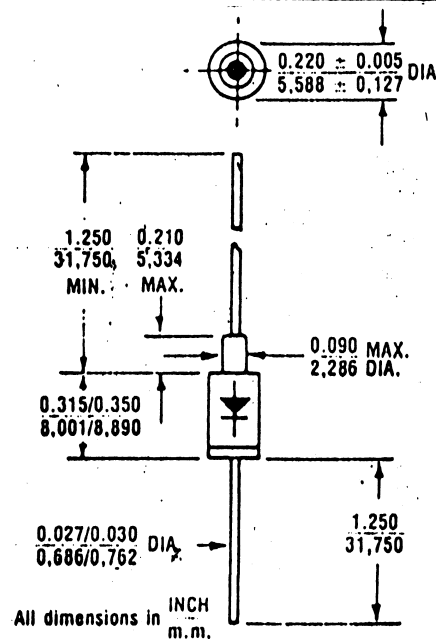


FIGURE 1

MECHANICAL CHARACTERISTICS

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

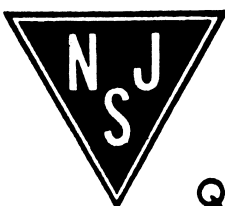
FINISH: All external surfaces are corrosion resistant and leads solderable.

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

POLARITY: Cathode connected case.

WEIGHT: 1.4 grams.

MOUNTING POSITION: Any.



Quality Semi-Conductors