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NTE615 Integrated Circuit Voltage Stabilizer for Electronic Tuner

Absolute Maximum Ratings: ($T_A = +25^\circ\text{C}$ unless otherwise specified)

Zener Current, I_Z 10mA
 Power Dissipation ($T_A = +75^\circ\text{C}$), P_D 200mW
 Operating Ambient Temperature Range, T_{opr} -20° to $+75^\circ\text{C}$
 Storage Temperature range, T_{stg} -40° to $+125^\circ\text{C}$

Electrical Characteristics: ($I_Z = 5\text{mA}$, $T_A = +25^\circ\text{C}$ unless otherwise specified)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Stabilized Voltage	V_Z		30	-	35	V
Stabilized Voltage Temperature Drift	$\Delta V_Z/\Delta T$	$T_A = -20^\circ$ to $+75^\circ\text{C}$	-1.0	0	+1.0	mV/ $^\circ\text{C}$
Dynamic Resistance	r_z	$I_{AC} = 0.5\text{mA}$, $f = 1\text{kHz}$	-	10	25	Ω

