



ELECTRONICS, INC.
44 FARRAND STREET
BLOOMFIELD, NJ 07003
(973) 748-5089
<http://www.nteinc.com>

NTE1152 Integrated Circuit Hybrid, AF Preamp

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

Supply Voltage, 25V
Operating Current 12mA
Power Dissipation 150mW
Supply Voltage $15.5\text{V} \pm 1.5\text{V}$
Storage Temperature Range -20 to $+100^\circ\text{C}$

Electrical Characteristics: ($T_A = +25^\circ\text{C}$, $V_{CC} = 15.5\text{V}$, $f = 1\text{kHz}$, $R_g = 600\Omega$ unless otherwise specified)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Voltage Gain	V_G		–	75	–	dB
Distortion	KF	$V_O = 1\text{V}$	–	–	0.2	%
Output Voltage	V_O	KF = 0.5%	2	–	–	V
		KF = 3.0%	3	–	–	V
Input Resistance	r_i		50	–	–	$\text{k}\Omega$
Noise Voltage	V_{NO}	$R_g = 600\Omega$	–	4.5	–	mV

Pin Connection Diagram



