ELECTRONICS, INC.
44 FARRAND STREET
BLOOMFIELD, NJ 07003
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NTE1333
Integrated Circuit
Module, Hybrid, Audio Power Amp, 40W, 2 Power Supplies Req'd

Absolute Maximum Ratings: (T_A = +25°C unless otherwise specified)

Supply Voltage, V_{CC}max . . . . . ±48V
Input Current, $I_C$max 5A
Thermal Resistance, Junction–to–Case, R_{thJC} . . . . . 2°C/W
Junction Temperature, T_J . . . . . +150°C
Storage Temperature Range, T_{stg} . . . . . –30° to +105°C
Allowable Load Shorting Time (V_{CC} = ±33V, R_L = 8Ω, P_O = 40W, f = 50Hz), t_s 2sec

Recommended Operating Conditions: (T_A = +25°C unless otherwise specified)

Supply Voltage, V_{CC} . . . . . ±33V
Load Resistance, R_L 8Ω

Electrical Characteristics: (T_A = +25°C, V_{CC} = ±33V, R_L = 8Ω, R_g = 600Ω, V_G = 36.7dB unless otherwise specified)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Quiescent Current	I_{CCO}	V_{CC} = ±39V	–	40	80	mA
Output Power	P_O	THD = 0.1%, f = 20Hz to 20kHz	40	–	–	W
Total Harmonic Distortion	THD	P_O = 40W, f = 20Hz to 20kHz	–	–	0.1	%
		P_O = 1W, f = 20Hz to 20kHz	–	–	0.1	%

Pin Connection Diagram
(Front View)