ELECTRONICS, INC.
44 FARRAND STREET
BLOOMFIELD, NJ 07003
(973) 748–5089

NTE1338
Integrated Circuit
Module, Hybrid, Dual Driver for 40W to 50W Audio Power Amp

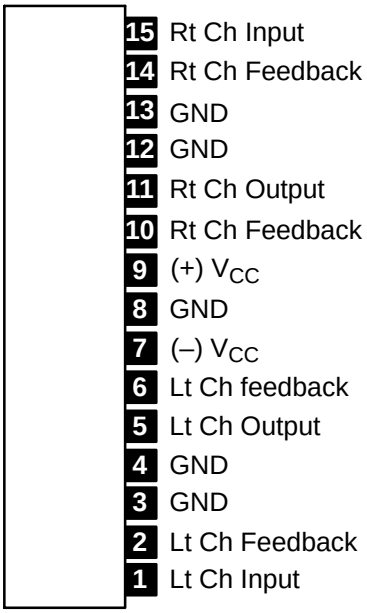
Absolute Maximum Ratings: (T_A = +25°C unless otherwise specified)

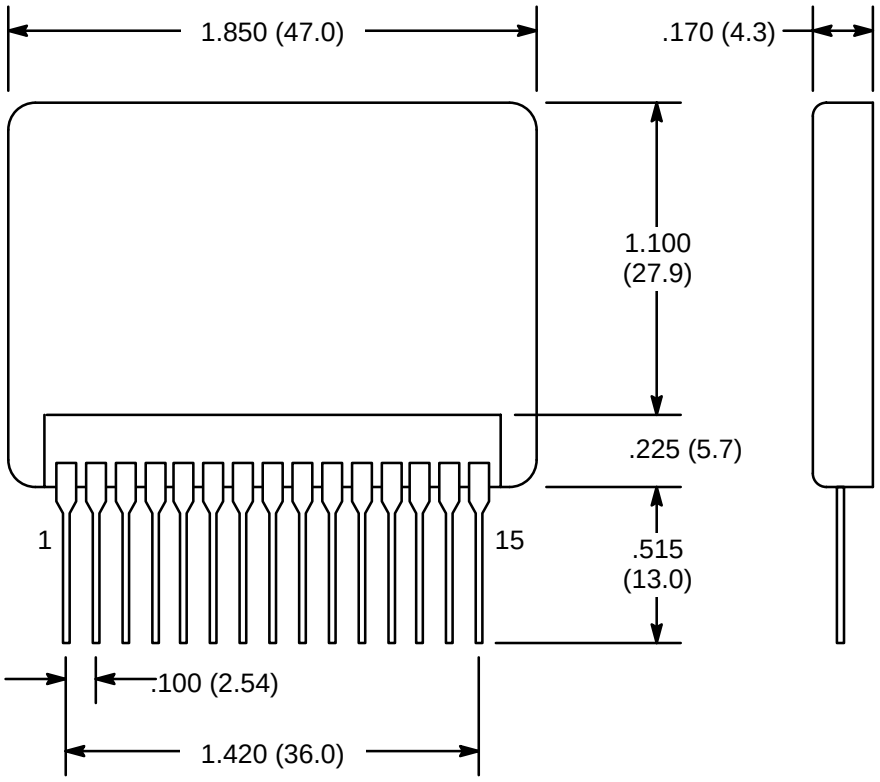
Maximum Supply Voltage, V_{CC}max . . . . . ±55V
Operating Case Temperature, T_C . . . . . +115°C
Storage temperature Range, T_{stg} . . . . . –30° to +115°C

Electrical Characteristics: (T_A = +25°C, V_G = 40dB, R_L = 33kΩ unless otherwise specified)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Quiescent Current	I_{CCO}	V_{CC} = ±43V	–	20	30	mA
Midpoint Voltage	V_N	V_{CC} = ±43V	–50	–	+50	mV
Output Noise Voltage	V_{NO}	V_{CC} = ±43V, R_g = 0Ω	–	–	1.0	mV
Input Impedance	r_i	V_{CC} = ±43V, V_O = 2.83V, f = 1kHz	31	33	–	kΩ
Total Harmonic Distortion	THD	V_{CC} = ±36V, V_O = 17.9V, f = 20kHz	–	0.005	0.01	%

Pin Connection Diagram
(Front View)




1.850 (47.0)
.170 (4.3)
1.100
(27.9)
.225 (5.7)
.515
(13.0)
1
15
.100 (2.54)
1.420 (36.0)