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

NTE1878
Integrated Circuit
Module, Voltage Amp for 2 Power, 2 Channel, 40W to 50W AF Power Amp

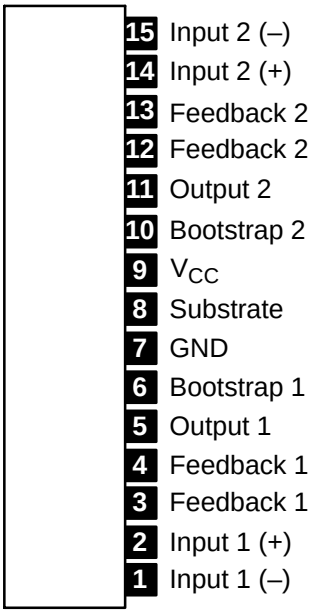
Absolute Maximum Ratings: (T_A = +25°C unless otherwise specified)

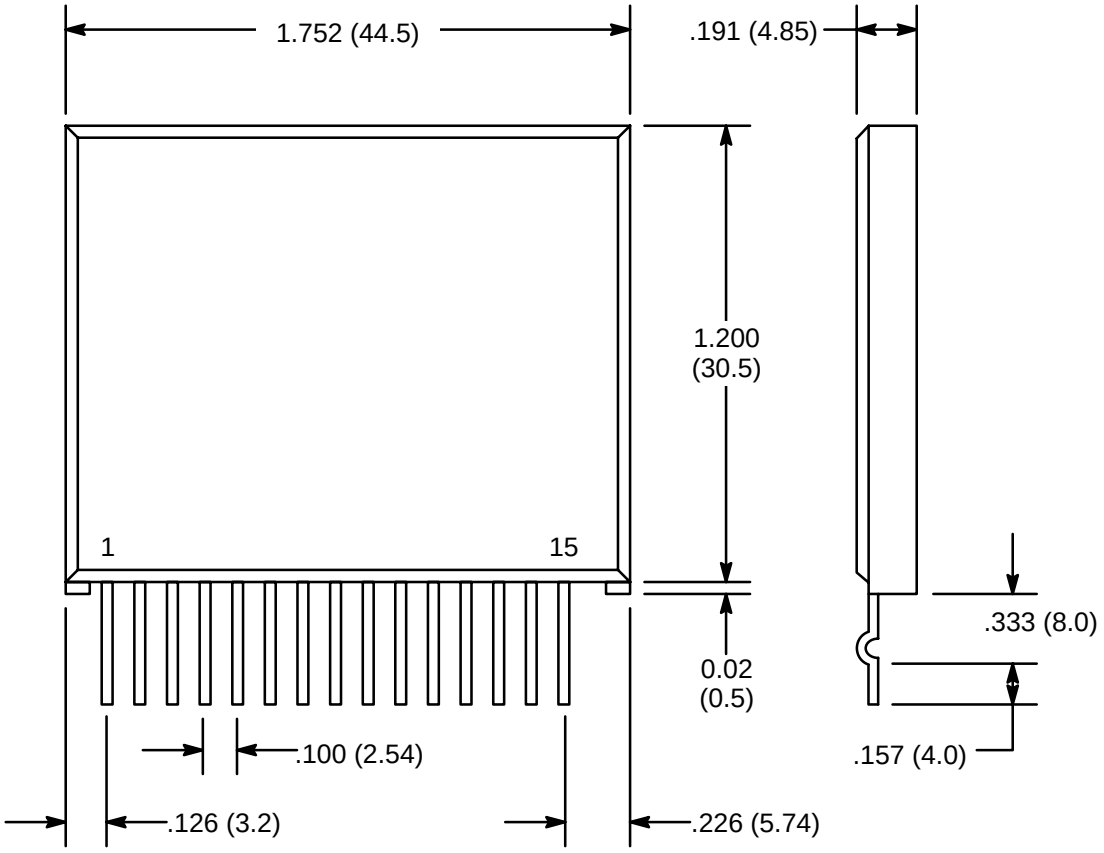
Maximum Supply Voltage, V_{CC}max . . . . . ±55V
Operating Case Temperature, T_C . . . . . +115°C
Storage temperature Range, T_{stg} . . . . . –30° to +115°C

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

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Quiescent Current	I_{CC}	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 = 10kΩ	–	–	1.0	mV
Input Impedance	r_i	V_{CC} = ±43V, V_O = 2.83V, f = 1kHz	–	92	–	kΩ
Total Harmonic Distortion	THD	V_{CC} = ±36V, V_O = 17.9V, f = 20kHz	–	–	0.005	%

Pin Connection Diagram
(Front View)




1.752 (44.5)
.191 (4.85)
1.200
(30.5)
1
15
.333 (8.0)
0.02
(0.5)
.100 (2.54)
.157 (4.0)
.126 (3.2)
.226 (5.74)