ELECTRONICS, INC.
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NTE1879
Integrated Circuit
Module, Hybrid, Dual Audio Power Amp, 18W/Ch, Dual Power Supplies

Applications:
- Video Projectors

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

Supply Voltage, V_{CC} . . . . . ±30V
Operating Case Temperature, T_C . . . . . +105°C
Storage Temperature Range, T_{stg} . . . . . –30° to +105°C
Total Thermal Resistance, Junction–to–Case, R_{thJC} . . . . . 1.0°C/W
Available Time for Load Shorted (V_{CC} = ±20.5V, R_L = 8Ω, P_O = 18W, f = 50Hz), t_S 2sec

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

Supply Voltage, V_{CC} . . . . . ±24V

Electrical Characteristics: (T_A = +25°C, V_{CC} = ±24V, R_g = 50Ω, unless otherwise specified)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Quiescent Current	I_{CCO}		–	15	25	mA
Noise Voltage	V_{NO}		–	–	0.2	mV_{rms}
Midpoint Voltage	V_N		–50	0	+50	mV
Output Delay Time	t_D	V_{CC} = ±20.5V, f = 15.75kHz, Triangular Wave Input $V_{P–P}$ = 1.5V	–	–	1	µs

Note 1. For power supply at the time of test, use a constant–voltage power supply unless otherwise specified.

Note 2. The output noise voltage is represented by the peak value on an RMS scale (V_{TVM}) of the average value indicated.

Pin Connection Diagram
(Front View)