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

NTE1016
Integrated Circuit
AF Small–Signal Amplifier for Tape Recorder

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

Maximum Supply Voltage, V_{CC}max 20V
Maximum Supply Current, I_{CC}max 20mA
Maximum Power Dissipation, $P_d$max 300mW
Operating Temperature Range, T_{opr} . . . . . –20° to +80°C
Storage Temperature Range, T_{stg} . . . . . –20° to +100°C

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

Supply Voltage, V_{CC} 15V

Electrical Characteristics: (T_A = +25°C, V_{CC} = 15V, V_{in} = 2mV, f = 1kHz unless otherwise specified)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Output Voltage	V_O		0.42	–	0.90	V
Distortion	KF		–	–	3.0	%

Pin Connection Diagram
(Front View)



