N.U. 6320
RELIABLE SUBMINIATURE HIGH-MU TWIN TRIODE

APPLICATION
The NU-6320 is a T-3 subminiature high-mu twin triode with a heater power consumption of approximately 1/4 of a watt per section. It was designed for reliable applications where long life and stable performance is required. The characteristics of the tube are similar to those of the 6SL7.

MAXIMUM RATINGS
Heater voltage (ac or dc) ± 3% .................. 6.3 volts
Heater cathode voltage ........................................ 100 volts
Plate voltage ........................................ 150 volts
Plate dissipation (per section) .................. 0.6 watts
Cathode current (per section) .................. 7.0 ma
Impact ........................................ 500 G
Vibration output .................................. 40 mv
Ambient temperature ............................... 200° C

INTERELECTRODE CAPACITANCES
Grid to plate .................................. 0.60 mmf
Input ........................................ 1.00 mmf
Output ...................................... 1.40 mmf

TYPICAL CONDITION OF OPERATION
Heater voltage .................................. 6.3 volts
Heater current .................................. 85 ma
Plate voltage (single section) .................. 100 volts
Cathode resistor (single section) ......... 600 ohms
Amplification factor ........................................ 60
Transconductance .................................. 1800 μhos

* Measured across 2000 ohm load resistor when vibrated at 25 cps at 0.080° excursion.

PHYSICAL SPECIFICATIONS
Style .................................. Subminiature
Bulb .................................. T-3
Base .................................. Submin. Button
Mounting position ................. Any
Leads .................................. Flexible

BASE PIN CONNECTIONS
Pin 1 P1
Pin 2 G2
Pin 3 K1
Pin 4 K2
Pin 5 K1
Pin 6 H
Pin 7 G1
Pin 8 P1

NEA Basing 8 DG

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