

**N. U.**

# ENGINEERING BULLETIN

ELECTRONIC COMPONENTS

**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) $\pm$ 5%	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	Shielded 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)	680 ohms
Amplification factor	60
Transconductance	1800 $\mu$ hos

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

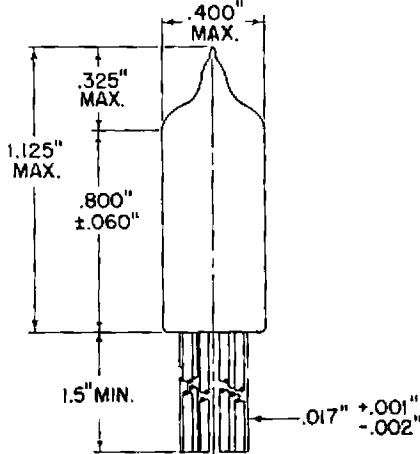
**PHYSICAL SPECIFICATIONS**

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

**BASE PIN CONNECTIONS**

Pin 1	P <sub>2</sub>
Pin 2	G <sub>2</sub>
Pin 3	H
Pin 4	K <sub>2</sub>
Pin 5	K <sub>1</sub>
Pin 6	H
Pin 7	G <sub>1</sub>
Pin 8	P <sub>1</sub>

RMA Basing 8 DG



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