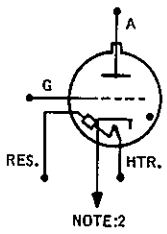
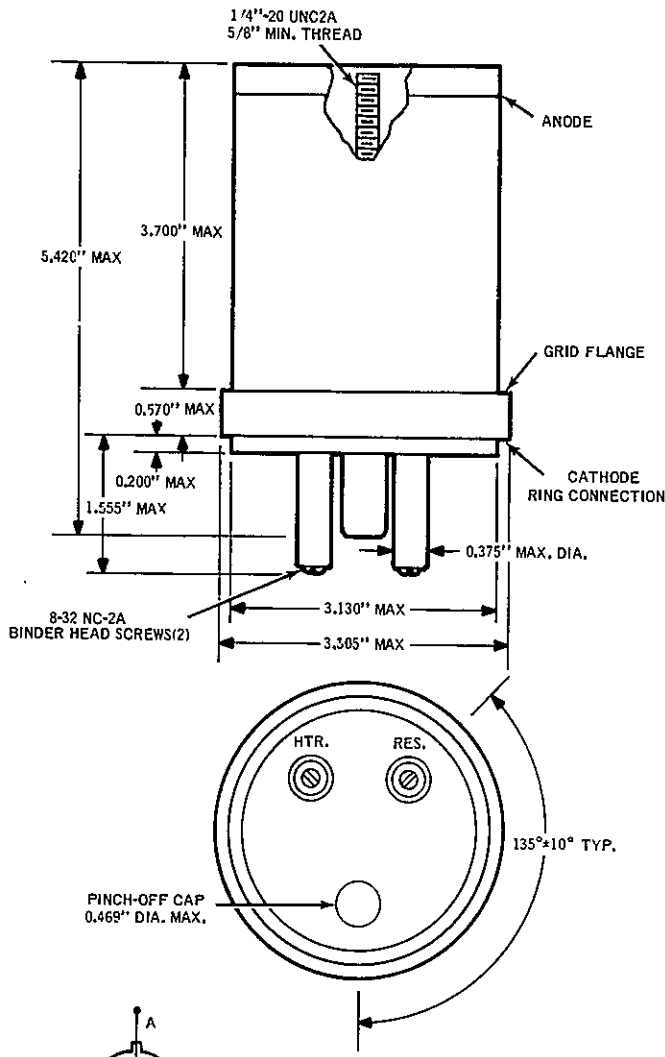
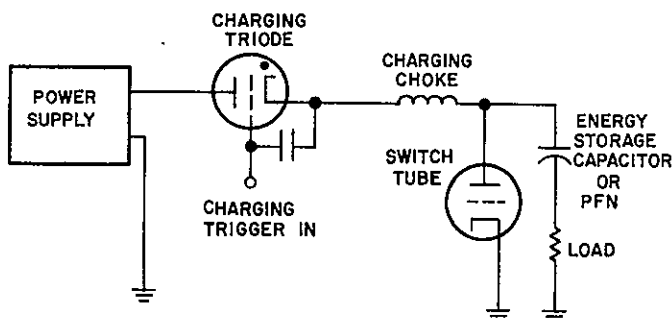


8951/HY-36 CERAMIC-METAL HYDROGEN CHARGING TRIODE



- NOTES:**
1. FEEDTHRU & P.O. CAP ON A 1 1/2" DIA. B.C.
 2. OTHER SIDE OF RESERVOIR AND HEATER TERMINALS ARE INTERNALLY CONNECTED AND ARE COMMON TO CATHODE
 3. MT-4 MOUNT RECOMMENDED FOR MOUNTING ARRANGEMENT

TYPICAL CIRCUIT



This high-power, high-voltage charging triode is designed for use in the charging circuit of modulator pulse-forming networks and similar circuits. The use of this tube provides precise timing of the charging cycle in applications such as systems with a variable interpulse interval requiring a short charging time. These tubes are compact, lightweight, and rugged, and built to withstand severe shock, vibration, and high temperature.

MAXIMUM RATINGS		
Forward Voltage	epy	25 kV max.
Inverse Voltage	epx	25 kV max.
Peak Current at pulse widths of 400 μ sec or greater	i_b	65 a max.
Average Current	I_b	2.5 Adc max.
Cathode Rate of change of voltage at time of switch tube trigger		-10 kV/ μ s max. negative rate of change
HEATERS		
Cathode Filament Voltage	E_f	5.8-6.8 Vac
Cathode Filament Current	I_f	18 Aac max.
Reservoir Filament Voltage	E_{res}	5.8-6.8 Vac
Reservoir Filament Current	I_{res}	6.5 Aac max.
Warm-Up Time	t_k	300 seconds
GRID DRIVE		
Open Circuit Pulse Voltage	egy	450 v min.
Driver Source Impedance	Z_g	400 Ohms max.