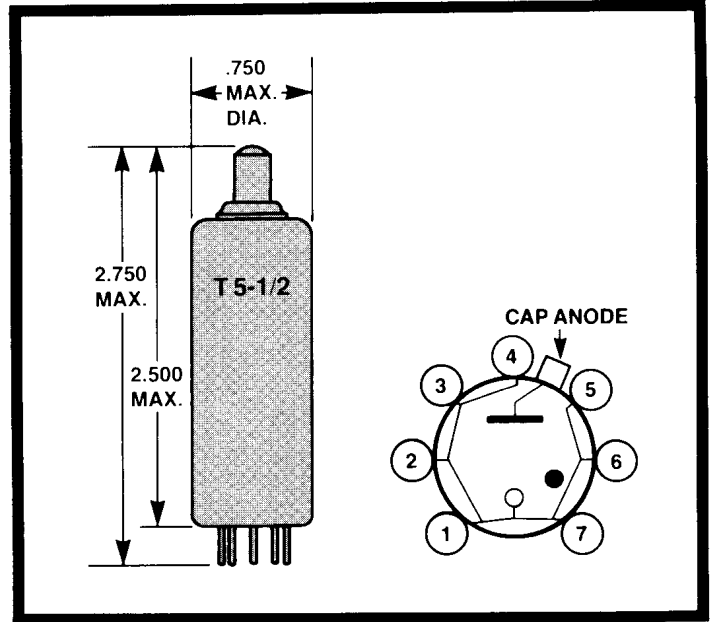


# COROTRON GV5A, GV5B Tubes

- Current capabilities to 1 ma
- Regulation of the order of 5.0 volts per 100 microamps
- Designed to regulate the high voltage power supplies for oscilloscopes, Cathode-ray tubes etc., and to provide reference voltages
- Shock: 100g- 11ms per Mil. Std. 202C method 202B
- Vibration: 10 -55 cps- 10g



## HI-Voltage Regulating Diode

These Victoreen HV Regulators are available in any desired nominal voltage  $\pm 2.5\%$  from 400 volts to 3500 volts at the customary test point of 100ua. All characteristics such as maximum and minimum currents, regulation, etc., may be interpolated from the table below.

COMMONLY USED TYPES							
Type	Nom. Voltage @ 100 ua Test Point	Tolerance	Current In Microamperes			Regulation* (Max.)	Altitude (Feet)
			Min.	Max.	Peak		
<b>GV5B-400</b>	400V	$\pm 10V$	10	400	600	18V	70,000
<b>GV5B-700</b>	700V	$\pm 17V$	10	450	600	40V	70,000
<b>GV5B-900</b>	900V	$\pm 22V$	10	550	750	50V	70,000
<b>GV5A-1000</b>	1000V	$\pm 25V$	10	650	800	20V	70,000
<b>GV5A-1200</b>	1200V	$\pm 30V$	15	700	800	28V	70,000
<b>GV5A-1600</b>	1600V	$\pm 40V$	20	800	950	42V	70,000
<b>GV5A-2000</b>	2000V	$\pm 50V$	20	1000	1300	62V	70,000
<b>GV5A-2400</b>	2400V	$\pm 60V$	25	1000	1700	65V	70,000
<b>GV5A-2600</b>	2600V	$\pm 65V$	30	950	1800	60V	70,000
<b>GV5A-2800</b>	2800V	$\pm 70V$	30	900	1800	55V	70,000
<b>GV5A-3000</b>	3000V	$\pm 75V$	30	850	1800	50V	70,000
<b>GV5A-3200</b>	3200V	$\pm 80V$	35	800	1800	40V	70,000
<b>GV5A-3500</b>	3500V	$\pm 90V$	35	700	1800	30V	70,000

\*This regulation is the change in voltage over useful range of current from MIN. to MAX.