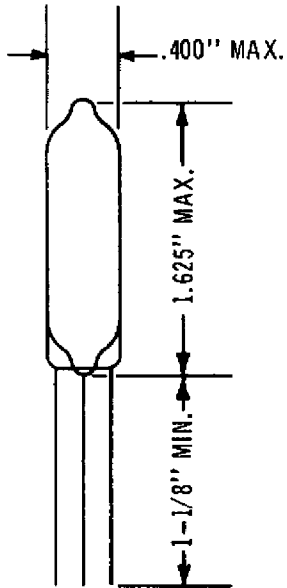
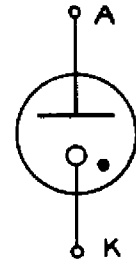


CORONA VOLTAGE REGULATOR

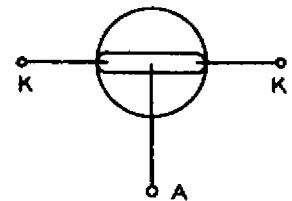


The 6119 is a subminiature corona voltage regulator designed for use in high voltage, low current applications. Use of this tube to stabilize the outputs of battery operated radio frequency or vibrator power supplies is economically effected. Voltage regulation in such applications is good over a suitable range of current.

Because of the small difference between the starting and regulating potentials, oscillatory operation is not generally encountered. This applies even with high values of shunt capacity.



SYMBOL



BASE VIEW

CHARACTERISTICS

D. C. STARTING VOLTAGE (MAX)	2100 VOLTS	
D. C. REGULATED VOLTAGE (@ 20 μa)	2000 VOLTS	$\pm 2\% \pm 2.5\%$
VOLTAGE REGULATION (2-50 μa) (MAX)	1.5 %	
LIFE	UNLIMITED BY USE	

RATINGS

REGULATOR CURRENT* (MAX)	55 μa
RELATIVE HUMIDITY (MAX)	100 %
AMBIENT TEMPERATURE RANGE	-60 to +100 °C

* MINIMUM SERIES RESISTANCE. MUST BE SUCH AS TO LIMIT THE CURRENT TO 55 μa UNDER MINIMUM LOAD CONDITIONS WITH MAXIMUM SUPPLY VOLTAGE APPLIED.



THE VICTOREEN INSTRUMENT CO.

COMPONENTS DIVISION 3800 PERKINS AVENUE, CLEVELAND 14, OHIO