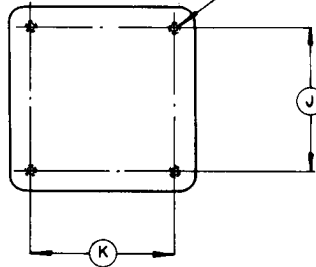




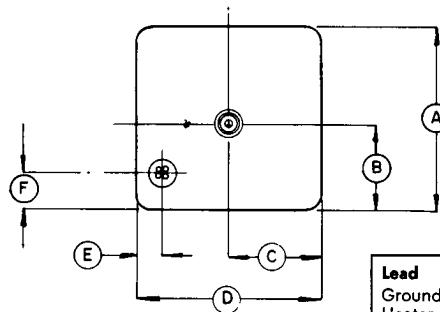
**NOTES:**

1. The operating frequency is a function of the anode voltage; therefore any voltage ripple on the anode supply appears as frequency modulation on the RF output.
2. The heater supply may be either alternating or direct current. If direct current is used, the heater connections *must* be connected to the negative terminal of the heater supply.
3. Cooling—To insure optimum tube performance, the magnet shell should be maintained below 70° C.
4. Temperature Stability — The permanent magnet of the shielded VTM has been temperature stabilized to minimize frequency changes caused by variations in the magnet temperature. The temperature/frequency coefficient for the shielded VTM is 0.008% of the operating frequency per degree centigrade. A positive change in temperature will always produce a positive change in frequency.

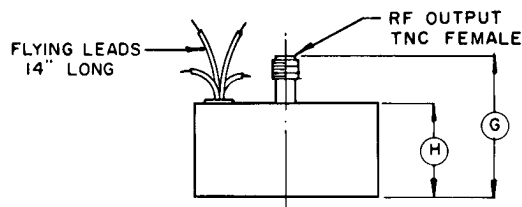
10-32 UNF 3/8 DEEP (4 HOLES)



DIMENSIONS IN INCHES			
DIMENSIONAL DATA			
R.F.	MIN.	MAX.	NOM.
A		3.050	
B	1.200	1.800	
C	1.300	1.700	
D		3.050	
E	.300	.500	
F	.700	.900	
G		2.300	
H		1.525	
J	2.320	2.380	
K	2.320	2.380	



Lead	Color Code
Ground	Black
Heater	Blue
Heater Cathode	Red
Injection Anode	White

**CHARACTERISTIC CURVES**  
Typical Performance Values