RADIO MANUFACTURERS ASSOCIATION

SUITE 701-4 AMERICAN BUILDING
1317 F STREET, N.W.
WASHINGTON, D. C.

Release No. 719

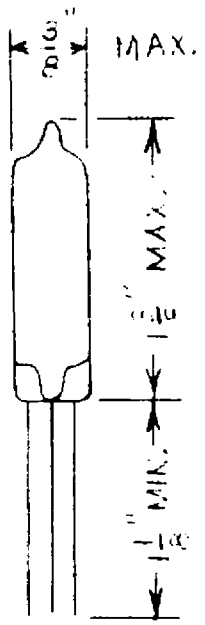
December 10, 1948

Sponsor: Victoreen Instrument Co.

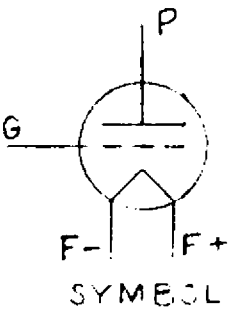
R.M.A. DATA BUREAU
90 West Street
New York, N. Y.

Type 5801*

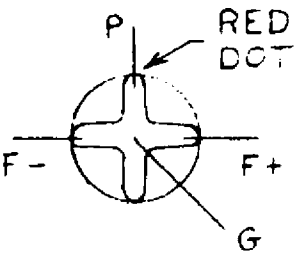
HIGH-MU TRIODE



The is a low filament power sub-miniature triode designed for D.C. voltage amplifier applications in radiation measuring instruments. Additional applications are found in portable equipment of all types.



SYMBOL



BASE VIEW

CHARACTERISTICS

		Min.	Nom.	Max.	
Filament Voltage	E_f	1.12	1.25	1.5	v
Filament Current	I_f	-	10	-	ma
Filament Resistance	R_f	112	125	137	ohm
Total Cathode Current	I_k	-	-	500	ua
Leakage Resistance (Grid to all other elements)	R_g	-	10^{14}	-	ohm
Plate Current (I_f = 10 ma)					
E_c = -2V (E_b = 135 V)	I_b	100	200	300	ua
E_c = -5V (E_b = 135 V)	I_b	-	-	1	ua
Transconductance (E_f = 1.25 V, E_b = 135 V, E_c = -2 V)	G_m	-	150	-	umho
Amplification Factor		-	30	-	

*(VX-33A)