

RADIO MANUFACTURERS ASSOCIATION



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

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

Release No. 719

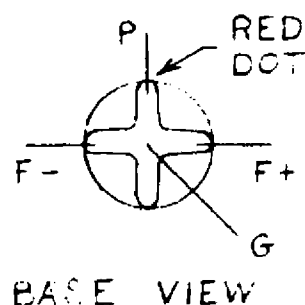
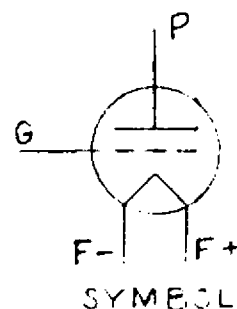
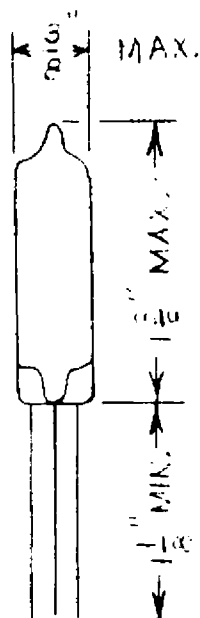
December 10, 1948

Sponsor: Victoreen Instrument Co.

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.



CHARACTERISTICS

		<u>Min.</u>	<u>Nom.</u>	<u>Max.</u>	
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)