

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.

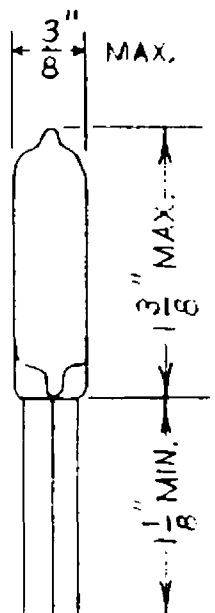
Release No. 719

December 10, 1948

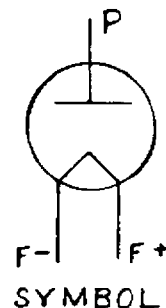
Sponsor: Victoreen Instrument Co.

TYPE 5799*

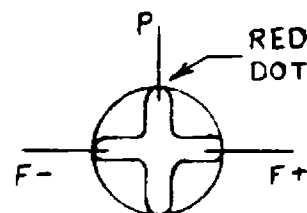
HIGH VOLTAGE DIODE



The 5799 is a sub-miniature, high vacuum, half-wave, rectifier, designed specifically for portable equipment where low power consumption and compactness are required. Operation of the filament from 60 cycle or R.F. supply is frequently advantageous. The high inverse peak voltage rating makes this tube ideally suited for use in high voltage, low current, power supplies.



SYMBOL



BASE VIEW

CHARACTERISTICS AS HALF WAVE RECTIFIER

		<u>Min.</u>	<u>Nom.</u>	<u>Max.</u>	
Filament Voltage	E_f	1.1	1.25	1.5	v
Filament Current	I_f	-	10	-	ma
Filament Resistance	R_f	112	125	137	ohm
Peak Inverse Voltage	E_{px}	-	-	3000	v
Peak Plate Current	i_b	-	-	600	ua
D.C. Output Current	I_b	-	-	200	ua
Capacitance	C_{pk}	-	1	-	unuf
Tube Voltage Drop ($I_b = 200$ ua D.C.)	E_b	-	-	5	v