



TYPE 6059
TRUSTWORTHY
LOW MICROPHONY
AMPLIFIER PENTODE



The BRIMAR type 6059 has been specially designed for use in the early stages of high gain A.F. amplifiers. Its thorough screening and rigid construction ensure low microphony and greatly reduced hum.

RATINGS

Heater Voltage	...	...	...	...	...	6.3	volts
Heater Current	...	...	...	...	...	0.15	amp.
Anode Voltage	...	...	...	...	...	300	volts max.
Anode Dissipation	...	...	...	...	...	0.75	watt max.
Screen (g_2) Voltage	...	...	...	...	...	125	volts max.
Screen Dissipation	...	...	...	...	...	0.3	watt max.

OPERATING CHARACTERISTICS (g_s connected to Cathode)

$V_h = 6.3$, $V_a = 250$, $V_{g_2} = 100$, $V_{g_1} = -3$, $V_{g_3} = 0$.

					Min.	Bogey	Max.	
Anode Current	...	...	...	...	1.2	2.1	3.0	mA
Screen Current	...	...	...	...	0.2	0.6	0.8	mA
Anode Impedance	...	...	...	...	—	2.3	—	$M\Omega$
Mutual Conductance	...	...	...	...	0.95	1.275	1.6	mA/V

OPERATION AS RESISTANCE COUPLED AMPLIFIER

Anode and Screen Supply Voltage	...	...	100	200	300	volts
Anode Load Resistor	...	...	0.27	0.27	0.27	$M\Omega$
Screen Series Resistor	...	...	1.0	1.0	1.2	$M\Omega$
Peak Output	...	...	35	70	100	volts
Voltage Gain	...	...	90	120	140	
Cathode Bias Resistor	...	...	2,700	1,500	1,200	ohms

INTER-ELECTRODE CAPACITANCES

Input	...	...	...	...	4.25	pF
Output	...	...	...	...	4.0	pF
Control Grid to Anode	...	...	...	...	0.01	pF max.

Type 6059 is a commercial equivalent to the CV4006.