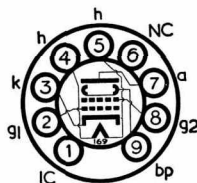


TYPE 6061

TRUSTWORTHY

MINIATURE OUTPUT

BEAM TETRODE



The BRIMAR type 6061 is a B9A (Noval) based output beam tetrode, the characteristics and ratings of which are identical to those of the 6V6G/GT. It is suitable for R.F. applications up to frequencies of the order of 150 Mc/s.

RATINGS

Heater Voltage	...	...	...	...	6.3	volts
Heater Current	...	...	...	...	0.45	amp.
Anode Voltage	...	...	...	...	315	volts max.
Anode Dissipation	...	...	...	...	12	watts max.
Screen Voltage	...	...	...	...	285	volts max.
Screen Dissipation	...	...	...	...	2	watts max.
Hot Spot Bulb Temperature	...	...	...	...	250	°C max.
D.C. Cathode Current	...	...	...	...	65	mA max.

OPERATING CHARACTERISTICS

$V_h = 6.3$, $V_a = 250$, $V_{g_2} = 250$, $V_{g_1} = -12.5$, $V_{g_3} = 0$.

	Min.	Bogey	Max.	
Anode Current (Zero Signal)	33	45	57	mA
Screen Current (Zero Signal)	0.6	4.5	7.5	mA
Anode Impedance	...	50	...	k Ω
Mutual Conductance	3.0	4.1	5.2	mA/V
Optimum Load	...	5	...	k Ω
Power Output	...	4.5	...	watts
Harmonic Distortion	...	8	...	%
Signal Voltage	...	8.8	...	V (rms)

OPERATION AS A TRIODE (ANODE AND SCREEN STRAPPED)

CLASS A PUSH-PULL (2 VALVES)

Anode Voltage	...	...	250	285	volts
Grid Voltage	...	...	-13.5	-19	volts
Cathode Bias Resistor	...	...	150	240	ohms
Anode current (no signal)	...	...	90	78	mA
Optimum Load (Anode to Anode)	...	...	4,000	4,500	ohms
Power Output	...	...	1.7	3.1	watts
Harmonic Distortion	...	...	0.4	0.5	%

INTER-ELECTRODE CAPACITANCES

Input	...	...	...	...	8.3	pF
Output	...	...	...	...	7.0	pF
Grid to Anode (max.)	...	...	...	...	0.5	pF

Type 6061 is a commercial equivalent to the CV4043.

