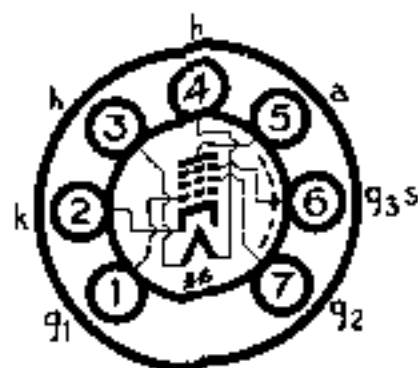


TYPE 6064
TRUSTWORTHY
MINIATURE HIGH SLOPE
R.F. PENTODE



The BRIMAR 6064 is an indirectly-heated high slope R.F. Pentode suitable for a wide variety of applications. It may be used as an R.F. or I.F. or video amplifier, as a limiter, or as a frequency changer at frequencies up to 100 Mc/s in conjunction with a suitable oscillator.

RATINGS

Heater Voltage	...	...	...	...	...	6.3	volts
Heater Current	...	...	...	...	...	0.3	amp.
Anode Voltage	...	...	...	...	...	275	volts max.
Anode Dissipation	...	...	...	...	...	2.75	watts max.
Screen (g_2) Voltage	...	...	...	...	...	275	volts max.
Screen Dissipation	...	...	...	...	...	0.8	watts max.
Heater to Cathode Potential	...	...	...	...	...	150	volts max.

OPERATING CHARACTERISTICS

(Suppressor Grid (g_1) connected to Cathode)

$V_h = 6.3, V_a = 250, V_{g_2} = 250, V_{g_1} = 0, V_{g_3} = 0, R_k = 160 \text{ ohms}, C_k = 1,000 \mu F.$

	Min.	Bogey	Max.	
Anode Current	7.5	9.85	12.2	mA
Screen Current	1.8	2.6	3.4	mA
Mutual Conductance	6.0	7.62	9.25	mA/V
Inner Amplification Factor	60	75	89	
Anode Current at $V_{g_1} = -8 \text{ V}$			100	μA

INTER-ELECTRODE CAPACITANCES*

Input	...	...	...	...	7.6	pF
Output	...	...	...	...	3.25	pF
Control Grid to Anode (max.)	...	...	...	...	0.01	pF

* With close-fitting shield connected to Cathode.

Type 6064 is a commercial equivalent to the CV4014.