

6R-HH2 is a twin triode designed for use as a cascade connected RF amplifier in the VHF tuner of television receivers.

As this tube has higher mutual conductance although the electrostatic capacity between electrodes is the same as that of the 6BQ7A tube, it can be used to make a high-sensitivity, low-noise tuner.

**BASE** E9-1 Small Button Noval 9-Pin

**MOUNTING POSITION**—Any

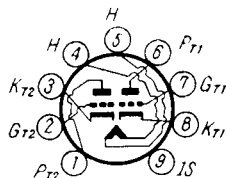
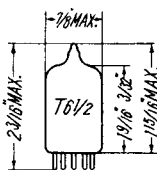
**HEATER**

Voltage .....6.3 (V)

Current .....0.4 (A)

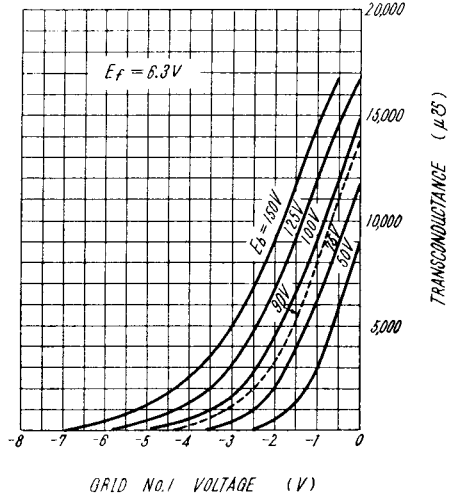
**DIRECT INTERELECTRODE CAPACITANCES**

(With Shield)	Unit No.1	Unit No.2
Grid No. 1 to Plate .....	1.2	1.2 (pF)
Input {	Grounded Cathode ..	3.3 (pF)
	Grounded Grid .....	5.6 (pF)
Output {	Grounded Cathode ..	1.3 (pF)
	Grounded Grid.....	2.4 (pF)
Heater to Cathode.....	2.5	2.5 (pF)
Plate to Plate .....	0.01	max. (pF)



MAXIMUM RATINGS (Design Center Values)		TYPICAL OPERATION	
Plate Voltage	150 (V)	Plate Voltage	90 (V)
Plate Dissipation	2 (W)	Grid No. 1 Voltage	-1 (V)
Total Cathode Current	20(mA)	Plate Current	8.5(mA)
Peak Heater—Cathode Voltage		Transconductance	8,000 ( $\mu\Omega$ )
Heater negative with		Amplification Factor	36
respect to cathode	200 (V)	Grid No. 1 Voltage (Approx.)	
Heater positive with		$I_b = 10\mu A$	-5.5 (V)
respect to cathode	.200 $\Delta$ (V)		
Grid No. 1 Circuit Resistance	500 (k $\Omega$ )		
$\Delta$ The D.C. component must not exceed 100 volts.			

AVERAGE CHARACTERISTICS  
(Each Unit)



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