

5M-HH3 is a twin triode for use as a RF oscillator and mixer of the VHF tuner in transformer-less television receivers.

As this tube has high mutual conductance although its electrostatic capacity between electrodes is almost the same as that of the 5J6 tube, a tuner of high sensitivity and low noise can be made in combination with 4R-HH2.

BASE E7-1 Miniature Button 7-Pin

MOUNTING POSITION—Any

HEATER

Voltage.....4.7 (V)

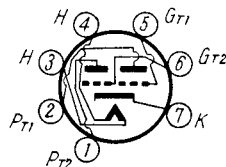
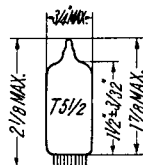
Current.....0.6 (A)

Heater Warm-up Time11 (sec)

DIRECT INTERELECTRODE CAPACITANCES

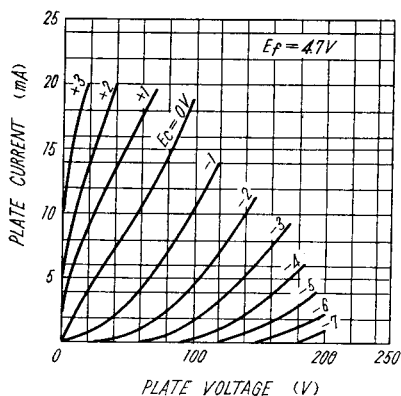
(Without Shield)

	Unit No.1	Unit No.1
Grid No. 1 to Plate	1.3	1.3 (pF)
Input	2.4	2.4 (pF)
Output	0.4	0.4 (pF)



MAXIMUM RATINGS (Design Center Values)		TYPICAL OPERATION	
Plate Voltage	200 (V)	Plate Voltage	100 (V)
Plate Dissipation	1.5 (W)	Grid No. 1 Voltage	-1 (V)
Peak Heater-Cathode Voltage		Plate Current	11 (mA)
Heater negative with respect to cathode	200 (V)	Transconductance	7,500 (μU)
Heater positive with respect to cathode	200 Δ (V)	Amplification Factor	38
Grid No. 1 Circuit Resistance	500 (k Ω)		
Δ The D.C. component must not exceed 100 volts.			

AVERAGE PLATE CHARACTERISTICS (Each Unit)



AVERAGE TRANSFER CHARACTERISTICS (Each Unit)

