6M-HH3 is a twin triode for use as a RF oscillator and mixer in the VHF tuner of television receivers.

As this tube has a high mutual conductance although the electrostatic capacity between electrodes is the same as that of the 6J6 tube, it can be used in combination with the 6R-HH2 tube to make a high-sensitivity, low-noise tuner.

BASE E7-1 Miniature Button 7-Pin

MOUNTING POSITION—Any

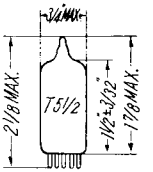
HEATER

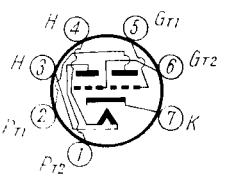
Voltage	6.3	(V)
Current	0.45	(A)

DIRECT INTERERELECTRODE CAPACITANCES

(Without Shield—Each Unit)

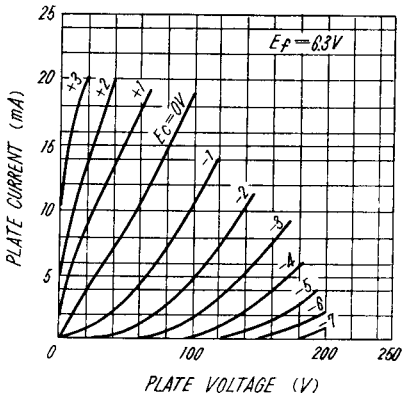
Grid No. 1 to Plate	1.3	(pF)
Input	2.4	(pF)
Output	0.4	(pF)





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	90 (V)	Transconductance	7,500 (μ℧)
Heater positive with respect to cathode	90 (V)	Amplification Factor	38
Grid No. 1 Circuit Resistance	500 (kΩ)		

AVERAGE PLATE CHARACTERISTICS



AVERAGE TRANSFER CHARACTERISTICS