

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)

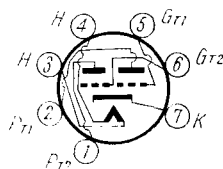
DIRECT INTERELECTRODE CAPACITANCES

(Without Shield—Each Unit)

Grid No. 1 to Plate 1.3 (pF)

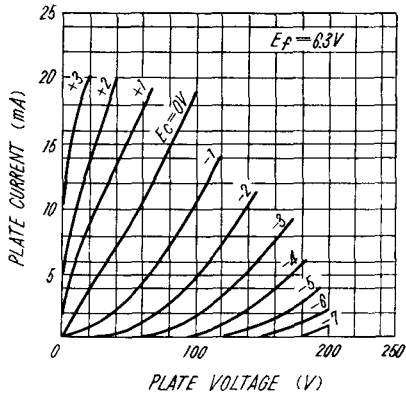
Input 2.4 (pF)

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		Transconductance	7,500 (μS)
respect to cathode	90 (V)	Amplification Factor	38
Heater positive with			
respect to cathode	90 (V)		
Grid No. 1 Circuit Resistance	500 (k Ω)		

AVERAGE PLATE CHARACTERISTICS



AVERAGE TRANSFER CHARACTERISTICS

