

4M-P12 is a power amplifier pentode designed for use in the audio output stage of transformer-less television receivers. A large output can be obtained from a comparatively small input voltage.

BASE E7-1 Miniature Button 7-Pin

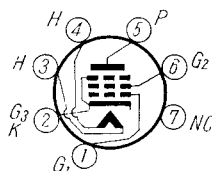
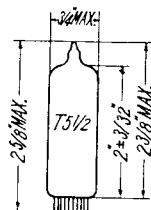
MOUNTING POSITION—Any

HEATER

Voltage 4.7 (V)

Current 0.6 (V)

Warm-up Time..... 11 (sec)



MAXIMUM RATINGS (Design Center Values)		TYPICAL OPERATION	
Plate Voltage	250 (V)	Plate Voltage	180 (V)
Grid No. 2 Voltage	250 (V)	Grid No. 2 Voltage	180 (V)
Plate Dissipation	8.5 (W)	Grid No. 3 Voltage	-6 (V)
Grid No. 2 Dissipation	2.5 (W)	Peak AF Grid No. 1 Voltage	6 (V)
Peak Heater—Cathode Voltage		Plate Current	
Heater negative with		Zero-Signal	25 (mA)
respect to cathode	200 (V)	Grid No. 2 Current	
Heater positive with		Zero-Signal	5.0 (mA)
respect to cathode	200Δ (V)	Transconductance	5,500 (μΩ)
Δ The D.C. component must not exceed		Plate Resistance (Approx.)	100 (kΩ)
100 volts.		Load Resistance	6 (kΩ)
		Max.-Signal Power Output	2.0 (W)
		Total Harmonic Distortion	10 (%)

AVERAGE PLATE CHARACTERISTICS

