

30A5 is a power amplifier pentode for use in transformer-less radio receivers. This tube features a large output and the heater voltage can be made 5 volts less than that of the 35C5 tube.

BASE E7-1 Miniature Button 7-Pin

MOUNTING POSITION—Any

HEATER

Voltage 30 (V)

Current 0.15 (A)

DIRECT INTERELECTRODE

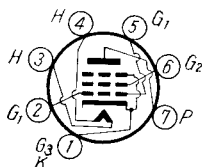
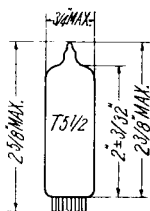
CAPACITANCES (Without Shield)

Grid No. 1 to Plate 0.3 (pF)

Input 12 (pF)

Output 5.8 (pF)

MAXIMUM RATINGS (Design Center Values)		TYPICAL OPERATION	
Plate Voltage	150 (V)	Plate Voltage	100 (V)
Grid No. 2 Voltage	150 (V)	Grid No. 2 Voltage	100 (V)
Plate Dissipation	7.5 (W)	Grid No. 1 Voltage	-6.7 (V)
Grid No. 2 Dissipation	1.5 (W)	Peak AF Grid No. 1 Voltage	6.7 (V)
Total Cathode Current	100 (V)	Plate Current	
Peak Heater—Cathode Voltage		Zero-Signal	43 (mA)
Heater negative with		Max.-Signal	43 (mA)
respect to cathode	150 (V)	Grid No. 2 Current	
Heater positive with		Zero-Signal	3 (mA)
respect to cathode	150 (V)	Max.-Signal	11 (mA)
Grid No. 1 Circuit Resistance		Transconductance	9,200 (μU)
with Cathode Bias	1.0 ($\text{M}\Omega$)	Plate Resistance (Approx.)	22 ($\text{k}\Omega$)
		Load Resistance	2.4 ($\text{k}\Omega$)
		Max.-Signal Power Output	2.1 (W)
		Total Harmonic Distortion	11 (%)



AVERAGE PLATE CHARACTERISTICS

