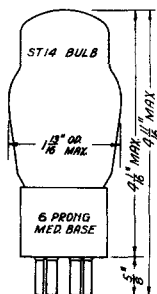
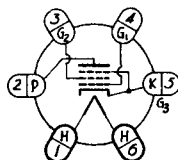


PENTODE
POWER AMPLIFIER
Heater Type Glass Bulb



The 43 is a pentode type power amplifier tube designed for service in the output stage of a-c - d-c receivers. The ratings and electrical characteristics are identical with those of the types 25A6 and 25A6G.



BOTTOM VIEW OF SOCKET

RATINGS

Heater Voltage (a-c or d-c)	25	volts
Heater Current	0.3	amp
Maximum Plate Voltage	180	volts
Maximum Screen Voltage	135	volts

AMPLIFIER - CLASS A

Plate Voltage	95	135	180	volts
Screen Voltage	95	135	135	volts
Grid Bias	-15	-20	-20	volts
Amplification Factor (approximate)	90	85	100	
Plate Resistance (approximate)	45000	35000	40000	ohms
Transconductance	2000	2450	2500	μmhos
Plate Current	20	37	38	ma
Screen Current	4	8	7.5	ma
Load Resistance	4500	4000	5000	ohms
Total Harmonic Distortion	11	9	10	percent
Power Output	0.9	2	2.75	watts

Heater to cathode bias should not exceed 90 volts d-c, as measured between the negative heater terminal and the cathode.

For additional curves refer to the type 25A6G.

