

25A6 25A6G

RAYTHEON

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PENTODE
POWER AMPLIFIER
Heater Type
Metal Bulb-25A6 Glass Bulb-25A6G

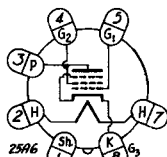
The 25A6 is a pentode type power amplifier tube designed for service in the output stage of a-c-d-c receivers. The ratings and electrical characteristics are identical with those of the type 43.

RATINGS

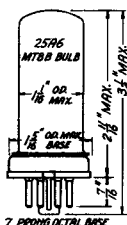
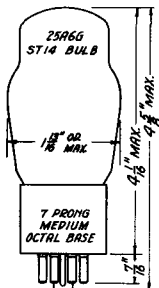
Heater Voltage (a-c or d-c) 25 volts
Heater Current 0.3 amp
Max. Plate Voltage 180 volts
Max. Screen Voltage 135 volts

AMPLIFIER - CLASS A

Plate Voltage	95	135	180	volts
Screen Voltage	95	135	135	volts
Grid Bias	-15	-20	-20	volts
Amplification Factor (approx.)	90	85	100	
Plate Resistance (approx.)	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



BOTTOM VIEW OF SOCKET
25A6G - NO CONNECTION
TO #1 PIN



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 43.

