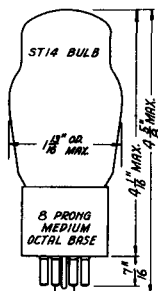


25A7G

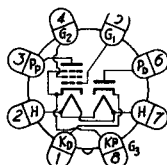
RAYTHEON

25A7G

DIODE PENTODE
RECTIFIER POWER AMPLIFIER
Heater Type Glass Bulb



The 25A7G is a diode-pentode type tube designed for service as a half wave rectifier and power amplifier in the output stage of a-c - d-c receivers.



BOTTOM VIEW OF SOCKET

RATINGS

Heater Voltage (a-c or d-c)	25	volts
Heater Current	0.3	amp
Pentode Section		
Maximum Plate Voltage	100	volts
Maximum Screen Voltage	100	volts

AMPLIFIER - CLASS A - PENTODE SECTION

Plate Voltage	100	volts
Screen Voltage	100	volts
Grid Bias	-15	volts
Amplification Factor	90	
Plate Resistance	30000	ohms
Transconductance	1800	μ mhos
Plate Current	20.5	ma
Screen Current	4	ma
Load Resistance	4500	ohms
Total Harmonic Distortion	9	percent
Power Output	0.77	watts

HALF WAVE RECTIFIER - RECTIFIER SECTION

Maximum A-C Plate Voltage RMS	125	volts
Maximum D-C Output Current	75	ma

