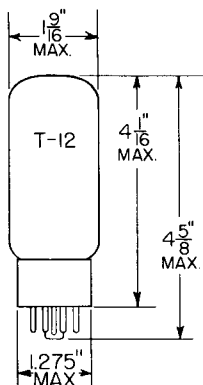


TUNG-SOL**BEAM PENTODE****GLASS BULB**

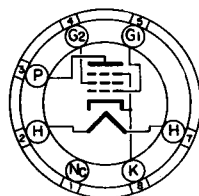
COATED UNIPOTENTIAL CATHODE

HEATER

25 VOLTS 0.3 AMP.

AC OR DC

ANY MOUNTING POSITION

**BOTTOM VIEW**SHORT MEDIUM SHELL
7 PIN OCTAL

75

THE 25C6GA IS A BEAM POWER AMPLIFIER HAVING HIGH POWER SENSITIVITY AND HIGH POWER OUTPUT AT COMPARATIVELY LOW DC SUPPLY VOLTAGES. EXCEPT FOR HEATER RATINGS, THE 25C6GA IS IDENTICAL TO THE 50C6GA.

RATINGS

INTERPRETED ACCORDING TO DESIGN CENTER SYSTEM

HEATER VOLTAGE	25	VOLTS
MAXIMUM HEATER-CATHODE VOLTAGE:		
HEATER NEGATIVE WITH RESPECT TO CATHODE	180	VOLTS
HEATER POSITIVE WITH RESPECT TO CATHODE	180	VOLTS
MAXIMUM PLATE VOLTAGE	200	VOLTS
MAXIMUM GRID #2 SUPPLY VOLTAGE	200	VOLTS
MAXIMUM GRID #2 VOLTAGE	SEE RATING CHART	
MAXIMUM PLATE DISSIPATION	12.5	WATTS
MAXIMUM GRID #2 DISSIPATION	1.75	WATTS
MAXIMUM GRID #1 CIRCUIT RESISTANCE:		
FIXED BIAS	0.1	MEGOHM
SELF BIAS	0.5	MEGOHM

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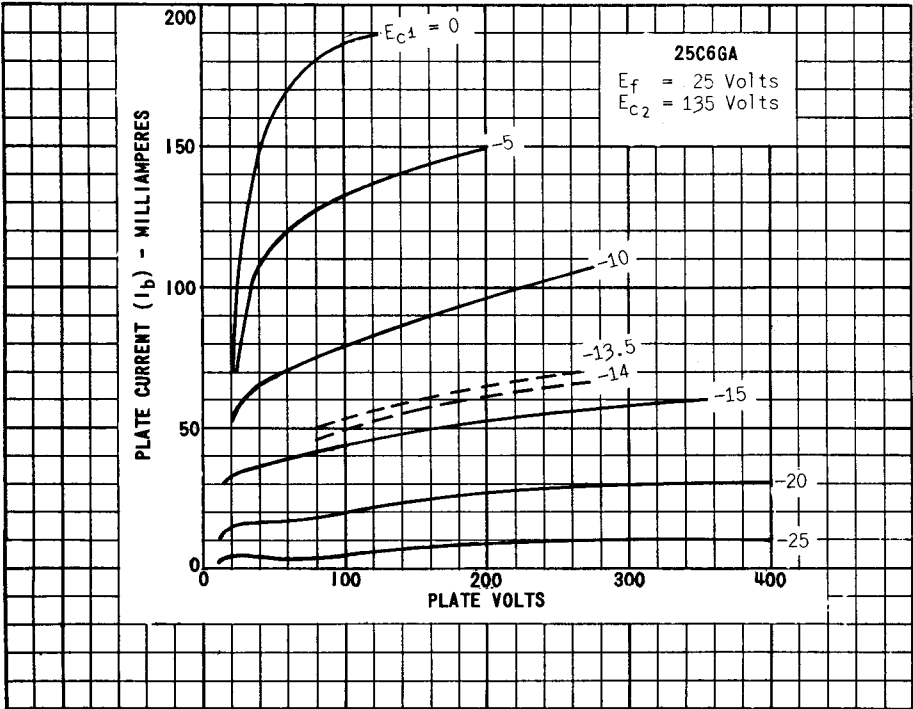
TUNG-SOL

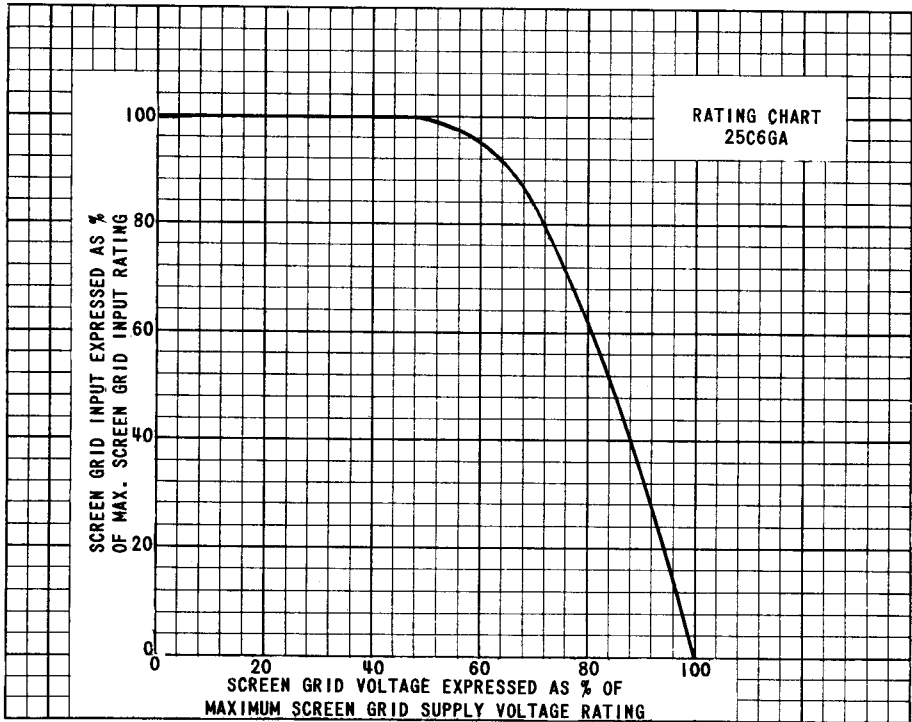
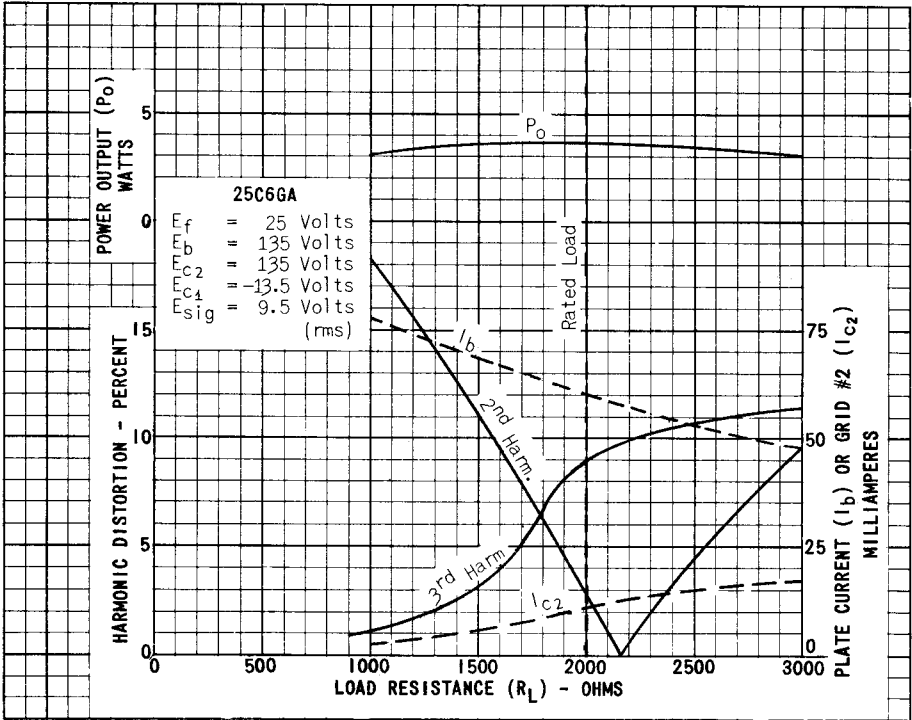
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TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A₁ AMPLIFIER

HEATER VOLTAGE	25	VOLTS
HEATER CURRENT	0.3	AMP.
PLATE VOLTAGE	135	200
GRID #2 VOLTAGE	135	135
GRID #1 VOLTAGE	-13.5	-14
PEAK AF GRID #1 VOLTAGE	13.5	14
ZERO SIGNAL PLATE CURRENT	58	61
MAXIMUM SIGNAL PLATE CURRENT	60	66
ZERO SIGNAL GRID #2 CURRENT	3.5	2.2
MAXIMUM SIGNAL GRID #2 CURRENT	11.5	9
TRANSCONDUCTANCE	7 000	7 100
PLATE RESISTANCE (APPROX.)	9 300	18 300
LOAD RESISTANCE	2 000	2 600
MAXIMUM SIGNAL POWER OUTPUT	3.6	6
TOTAL HARMONIC DISTORTION (APPROX.)	10	10





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