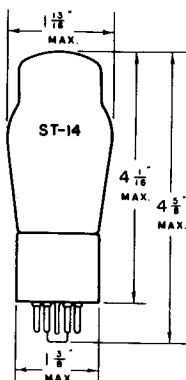


## TUNG-SOL



## BEAM POWER AMPLIFIER

UNI-POTENTIAL CATHODE

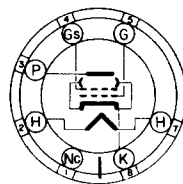
HEATER

25.0 VOLTS 0.3 AMPERE

AC OR DC

GLASS BULB

MEDIUM 7 PIN OCTAL BASE



G-7AC

BOTTOM VIEW

THE TUNG-SOL 25C6G IS A BEAM POWER AMPLIFIER, DESIGNED FOR SERVICE IN THE OUTPUT STAGE OF AC-DC RECEIVERS. IT FEATURES HIGH POWER OUTPUT WITH LOW SUPPLY VOLTAGES.

## RATINGS

MAXIMUM PLATE VOLTAGE	200	VOLTS
MAXIMUM SCREEN VOLTAGE	135	VOLTS
MAXIMUM PLATE DISSIPATION	12.5	WATTS
MAXIMUM SCREEN DISSIPATION	1.75	WATTS

## TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A<sub>1</sub> AMPLIFIER

PLATE VOLTAGE	135	200	VOLTS
SCREEN VOLTAGE	135	135	VOLTS
CONTROL GRID VOLTAGE <sup>A</sup>	-13.5	-14	VOLTS
PEAK AF SIGNAL VOLTAGE	13.5	14	VOLTS
ZERO-SIGNAL PLATE CURRENT	58	61	MA.
ZERO-SIGNAL SCREEN CURRENT (NOMINAL)	3.5	2.2	MA.
MAXIMUM-SIGNAL PLATE CURRENT	60	66	MA.
MAXIMUM-SIGNAL SCREEN CURRENT (NOMINAL)	11.5	9	MA.
PLATE RESISTANCE APPROX.	9300	18 300	OHMS
TRANSCONDUCTANCE	7000	7100	μMHOS
LOAD RESISTANCE	2000	2600	OHMS
TOTAL HARMONIC DISTORTION	10	10	PER CENT
POWER OUTPUT	3.6	6.0	WATTS

<sup>A</sup> THE DC RESISTANCE IN THE GRID CIRCUIT, UNDER MAXIMUM RATED CONDITIONS, SHOULD NOT EXCEED 0.5 MEGOHM FOR SELF-BIAS OPERATION AND 0.1 MEGOHM FOR FIXED BIAS OPERATION.

FOR "INTERPRETATION OF RATINGS" REFER TO FRONT OF BOOK.

# 25C6G

