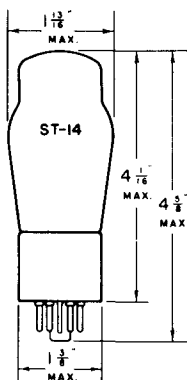


TUNG-SOL



PENTODE POWER AMPLIFIER

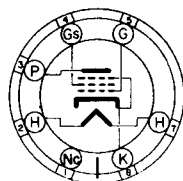
UNIPOTENTIAL CATHODE

HEATER

25.0 VOLTS 0.3 AMPERE
AC OR DC

GLASS BULB

MEDIUM 7 PIN OCTAL BASE



G-7S

BOTTOM VIEW

THE TUNG-SOL 25B6G IS A POWER OUTPUT PENTODE, WHICH IS DESIGNED FOR SERVICE IN SERIES OPERATED HEATER CIRCUITS THAT REQUIRE A HIGH POWER OUTPUT.

RATINGS

MAXIMUM PLATE VOLTAGE	200	VOLTS
MAXIMUM SCREEN VOLTAGE	135	VOLTS
MAXIMUM PLATE DISSIPATION	12.5	WATTS
MAXIMUM SCREEN DISSIPATION	2.0	WATTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A₁ AMPLIFIER

PLATE VOLTAGE	105	135	200	VOLTS
SCREEN VOLTAGE	105	135	135	VOLTS
CONTROL GRID VOLTAGE	-16	-22	-23	VOLTS
PEAK AF SIGNAL VOLTAGE	16	22	23	VOLTS
ZERO-SIGNAL PLATE CURRENT	48	61	62	MA.
ZERO-SIGNAL SCREEN CURRENT	2.0	2.5	1.8	MA.
MAXIMUM-SIGNAL PLATE CURRENT	55	69	71	MA.
MAXIMUM-SIGNAL SCREEN CURRENT	10	14.5	13	MA.
PLATE RESISTANCE	15500	15000	18000	OHMS
TRANSCONDUCTANCE	4800	5000	5000	μMHOS
LOAD RESISTANCE	1700	1700	2500	OHMS
TOTAL HARMONIC DISTORTION	12.5	14	15	PER CENT
SECOND HARMONIC DISTORTION	7	8	8.5	PER CENT
THIRD HARMONIC DISTORTION	10	11	11	PER CENT
POWER OUTPUT	2.4	4.3	7.1	WATTS

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

CONTINUED NEXT PAGE

