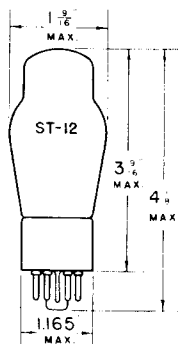


TUNG-SOL



CLASS B TWIN TRIODE

UNIPOTENTIAL CATHODE

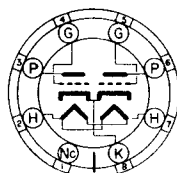
HEATER

6.3 VOLTS 0.3 AMPERE

AC OR DC

GLASS BULB

SMALL 8 PIN OCTAL BASE



G-8B

BOTTOM VIEW

THE TUNG-SOL 6Z7G IS A TWIN TRIODE CLASS B POWER AMPLIFIER, DESIGNED PRIMARILY FOR SERVICE WHERE LOW HEATER CURRENT IS REQUIRED.

MAXIMUM OPERATING CONDITIONS

PLATE VOLTAGE	180 MAX.	VOLTS
PEAK PLATE CURRENT PER PLATE	60 MAX.	MA.
AVERAGE PLATE DISSIPATION	8 MAX.	WATTS

OPERATING CONDITIONS AND CHARACTERISTICS

CLASS B₂ POWER AMPLIFIER

PLATE VOLTAGE	135	135	180	180	VOLTS
GRID VOLTAGE	0	0	0	0	VOLTS
ZERO SIGNAL PLATE CURRENT ^P	6	6	8.4	8.4	MA.
EFFECTIVE LOAD RESISTANCE ^L	15 000	9000	20 000	12 000	OHMS
AVERAGE POWER INPUT ^G	80	320	80	320	MILLIWATTS
POWER OUTPUT	1.5	2.5	2.2	4.2	WATTS
	^P BOTH PLATES	^L PLATE TO PLATE		^G GRID TO GRID	

DIRECT INTERELECTRODE CAPACITANCES^S

	TRIODE 1	TRIODE 2	
GRID TO CATHODE	4	4	μf
PLATE TO CATHODE	5	5	μf
GRID TO PLATE	5	5	μf
GRID TO GRID		0.22	μf
PLATE TO PLATE		0.8	μf
GRID (2) TO PLATE (1)		0.1	μf

TRIODE 1 IS TRIODE HAVING GRID BROUGHT OUT TO PIN #5.

^S WITH SHIELD

TRIODE 2 IS TRIODE HAVING GRID BROUGHT OUT TO PIN #4.

CAPACITANCES BETWEEN ELEMENTS OF ONE TRIODE ARE MEASURED WITH THE ELEMENTS OF THE OTHER TRIODE GROUNDED.

NOTE: THIS TUBE IS NOT RECOMMENDED FOR OPERATION IN SERIES WITH OTHER 0.3 AMPERE HEATER TUBES AS THE SURGE CURRENT MAY CAUSE HEATER BURNOUTS.

PLATE
904-2