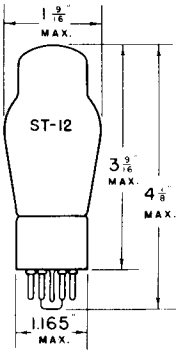
TUNG-SOL



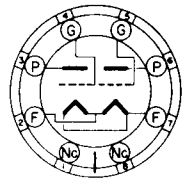
TWIN TRIODE POWER AMPLIFIER

COATED FILAMENT

2.0 VOLTS 0.24 AMPERE
DC

GLASS BULB

SMALL 8 PIN OCTAL BASE



G-7AB

BOTTOM VIEW

THE TUNG-SOL 1J6G IS DESIGNED FOR SERVICE AS A CLASS B POWER OUTPUT AMPLIFIER IN BATTERY OPERATED RECEIVERS. WITH THE EXCEPTION OF FILAMENT CURRENT AND CAPACITANCES, ITS RATINGS AND CHARACTERISTICS ARE IDENTICAL WITH THOSE OF THE 19.

OPERATING CONDITIONS AND CHARACTERISTICS

PLATE VOLTAGE MAX.	135	VOLTS
PEAK PLATE CURRENT PER PLATE MAX.	50	MA.

CLASS B_2 AMPLIFIER

PLATE VOLTAGE MAX.	135	135	135	VOLTS
GRID VOLTAGE [A]	-6	-3	0	VOLTS
ZERO-SIGNAL PLATE CURRENT PER PLATE	0.1	1.7	5	MA.
LOAD RESISTANCE PER PLATE	2500	2500	2500	OHMS
EFFECTIVE LOAD RESISTANCE PLATE TO PLATE	10 000	10 000	10 000	OHMS
AVERAGE POWER INPUT APPROX. GRID TO GRID	0.095	0.130	0.170	WATT
POWER OUTPUT APPROX.	1.6	1.9	2.1	WATTS

[A] RETURN TO NEGATIVE FILAMENT (PIN #7)

DIRECT INTERELECTRODE CAPACITANCES [S]

	TRIODE 2		TRIODE 1	
GRID TO FILAMENT	3.2		3.2	μμf
PLATE TO FILAMENT	4.4		4.4	μμf
GRID TO PLATE	7.5		7.5	μμf
GRID 1 TO GRID 2		0.26		μμf
PLATE 1 TO PLATE 2		0.5		μμf
GRID 2 TO PLATE 1		0.05		μμf
GRID 1 TO PLATE 2		0.05		μμf

TRIODE 2 IS TRIODE HAVING GRID BROUGHT OUT TO PIN #4.
TRIODE 1 IS TRIODE HAVING GRID BROUGHT OUT TO PIN #5.
[S] WITH SHIELD

PLATE 537-2