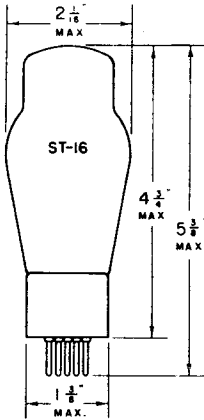


TUNG-SOL



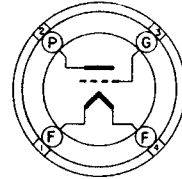
TRIODE POWER AMPLIFIER

COATED FILAMENT

7.5 VOLTS 1.25 AMPERES
AC OR DC

GLASS BULB

MEDIUM 4 PIN BASE



4D

BOTTOM VIEW

THE TUNG-SOL 50 IS A FILAMENT TYPE POWER OUTPUT TUBE.

OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A₂ AMPLIFIER

PLATE VOLTAGE	300	350	400	450	VOLTS
GRID VOLTAGE ^A	-54	-63	-70	-84	VOLTS
PLATE CURRENT	35	45	55	55	MA.
PLATE RESISTANCE	2000	1900	1800	1800	OHMS
TRANSCONDUCTANCE	1900	2000	2100	2100	μMHOS
AMPLIFICATION FACTOR	3.8	3.8	3.8	3.8	
LOAD RESISTANCE	4600	4100	3670	4350	OHMS
POWER OUTPUT	1.6	2.4	3.4	4.6	WATTS

^A GRID VOLTAGE MEASURED FROM MID-POINT OF AC OPERATED FILAMENT.

SELF BIAS IS RECOMMENDED IN ALL CASES. THE GRID CIRCUIT RESISTANCE SHOULD NOT EXCEED 10 000 OHMS.

DIRECT INTERELECTRODE CAPACITANCES

GRID TO FILAMENT	4.2	μμf
PLATE TO FILAMENT	3.4	μμf
GRID TO PLATE	7.1	μμf