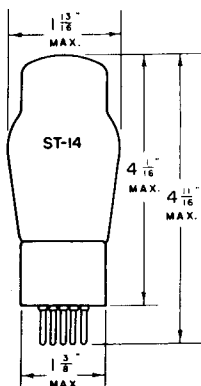


## TUNG-SOL



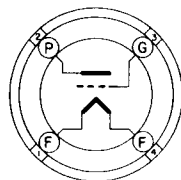
## TRIODE POWER AMPLIFIER

COATED FILAMENT

5.0 VOLTS 0.25 AMPERE  
AC OR DC

GLASS BULB

MEDIUM 4 PIN BASE



4 D

BOTTOM VIEW

THE TUNG-SOL 71A IS A FILAMENT TYPE POWER AMPLIFIER HAVING LOW PLATE RESISTANCE.

## OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A<sub>2</sub> AMPLIFIER

PLATE VOLTAGE	90	135	180 <sup>MAX.</sup>	VOLTS
GRID VOLTAGE <sup>A</sup>	-16.5	-27	-40.5	VOLTS
PLATE CURRENT	10	17.3	20	MA.
PLATE RESISTANCE	2170	1820	1750	OHMS
TRANSCONDUCTANCE	1400	1650	1700	μMHOS
AMPLIFICATION FACTOR	3	3	3	
LOAD RESISTANCE	3000	3000	4800	OHMS
TOTAL HARMONIC DISTORTION	5	5	5	PER CENT
POWER OUTPUT	0.125	0.4	0.79	WATT

<sup>A</sup> RETURN TO NEGATIVE FILAMENT (PIN #4)

## DIRECT INTERELECTRODE CAPACITANCES

GRID TO FILAMENT	3.2	μμf
PLATE TO FILAMENT	2.9	μμf
GRID TO PLATE	7.5	μμf