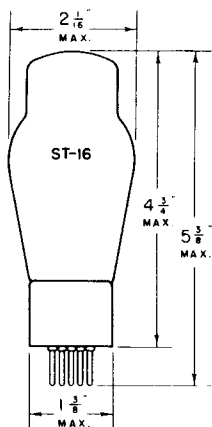


## TUNG-SOL



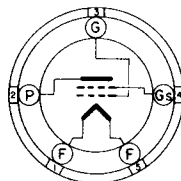
## DUAL GRID POWER AMPLIFIER

COATED FILAMENT

2.5 VOLTS 1.75 AMPERES  
AC OR DC

GLASS BULB

MEDIUM 5 PIN BASE



5C

BOTTOM VIEW

THE TUNG-SOL 46 IS A DUAL GRID POWER TUBE DESIGNED FOR USE IN A CLASS A OR CLASS B OUTPUT STAGE.

## OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A<sub>1</sub> AMPLIFIERGRID G<sub>2</sub> CONNECTED TO PLATE AT SOCKET

PLATE VOLTAGE	250	VOLTS
GRID VOLTAGE <sup>A</sup>	-33	VOLTS
PLATE CURRENT	22	MA.
PLATE RESISTANCE	2380	OHMS
TRANSCONDUCTANCE	2350	μMHOS
AMPLIFICATION FACTOR	5.6	
LOAD RESISTANCE	6400	OHMS
POWER OUTPUT <sup>B</sup>	1.25	WATTS

<sup>A</sup> MEASURED FROM MIDPOINT OF AC OPERATED FILAMENT.<sup>B</sup> APPROXIMATELY TWICE THIS VALUE IS RECOMMENDED FOR LOAD WHEN THIS TUBE IS USED AS DRIVER FOR CLASS B STAGE.

## CLASS B AMPLIFIER - TWO TUBES

GRIDS CONNECTED TOGETHER AT SOCKET

PLATE VOLTAGE	300	400 <sup>MAX.</sup>	VOLTS
GRID VOLTAGE	0	0	VOLTS
ZERO-SIGNAL PLATE CURRENT	8	12	MA.
PEAK PLATE CURRENT	200 <sup>MAX.</sup>	200 <sup>MAX.</sup>	MA.
MAXIMUM PLATE DISSIPATION	10	10	WATTS
LOAD RESISTANCE PLATE TO PLATE	5200	5800	OHMS
AVERAGE POWER INPUT GRID #0 GRID	0.95	0.65	WATT
POWER OUTPUT	16	20	WATTS