

## TUNG-SOL

## ULTRA-HIGH FREQUENCY TRANSMITTING TRIODE

THORIATED TUNGSTEN FILAMENT

2.0 VOLTS

3.65 AMPERES

## RATINGS

FILAMENT VOLTAGE <sup>A</sup>	2.0 ± 5%	VOLTS
MAXIMUM PLATE VOLTAGE	450	VOLTS
MAXIMUM GRID VOLTAGE	-250	VOLTS
MAXIMUM PLATE DISSIPATION	30	WATTS
MAXIMUM PLATE INPUT POWER	26	WATTS
MAXIMUM PLATE CURRENT	90	MA.
MAXIMUM GRID CURRENT	15	MA.
MAXIMUM FREQUENCY FOR ABOVE RATING	500	MC.
TRANSCONDUCTANCE (I <sub>b</sub> = 67 MA)	2400	μMHOS

## DIRECT INTERELECTRODE CAPACITANCES

GRID TO PLATE	1.6	μμf
GRID TO FILAMENT	1.2	μμf
PLATE TO FILAMENT	0.8	μμf

TYPICAL OPERATION CLASS C AMPLIFIER OR OSCILLATOR<sup>B</sup>

PLATE VOLTAGE	450	VOLTS
PLATE CURRENT	80	MA.
MAXIMUM GRID CURRENT	12	MA.
POWER OUTPUT	7.5	WATTS

<sup>A</sup> FILAMENT VOLTAGE SHOULD BE ADJUSTED FOR OVER-ALL OPTIMUM OPERATION WITHIN THE 5% FILAMENT VOLTAGE TOLERANCE.

<sup>B</sup> THE ABOVE TYPICAL OPERATING CONDITIONS APPLY AT 500 MC. FOR OPERATION AT HIGHER FREQUENCIES THE MAXIMUM PLATE INPUT POWER SHOULD BE REDUCED. FURTHERMORE, THE PLATE EFFICIENCY WILL DECREASE.

