

TUNG-SOL

ULTRA-HIGH FREQUENCY TRIODE

THORIATED TUNGSTEN FILAMENT

1.15 VOLTS

4.5 AMPERES

THE TYPE 703A IS ULTRA-HIGH FREQUENCY TRIODE IN A GLASS ENVELOPE WITH SHORT AND DIRECT LEADS TO THE ELEMENTS. CLOSE ELECTRODE SPACING AND LOW CAPACITANCES MAKE THE TUBE SUITABLE FOR OSCILLATOR, AMPLIFIER, OR MIXER SERVICE AT FREQUENCIES AS HIGH AS 1500 MEGACYCLES.

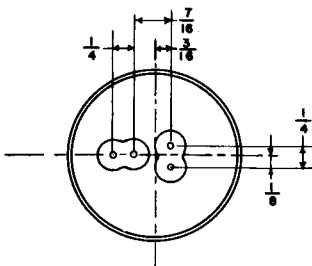
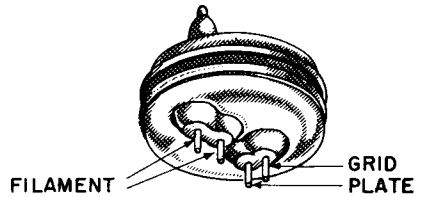
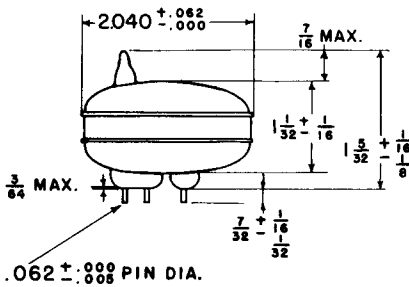
RATINGS

FILAMENT VOLTAGE <sup>A</sup>	1.15 ± 5%	VOLTS
MAXIMUM PLATE VOLTAGE	350	VOLTS
MAXIMUM PLATE DISSIPATION	20	WATTS
TRANSCONDUCTANCE (I <sub>P</sub> = 45 MA)	2075	μMHOS

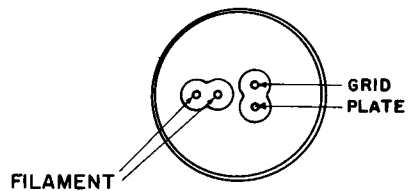
DIRECT ELECTRODE CAPACITANCES

GRID TO PLATE	0.90	μμf
GRID TO FILAMENT	0.85	μμf
PLATE TO FILAMENT	0.60	μμf

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



TUBE DIMENSIONS



BOTTOM VIEW

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PLATE  
1380-1  
DEC. 15  
1943