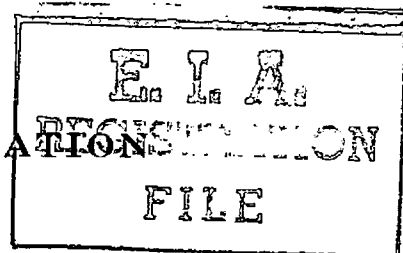




RADIO MANUFACTURERS ASSOCIATION
ENGINEERING DEPARTMENT



RMA DATA BUREAU
90 WEST STREET
NEW YORK 6, N. Y.

5813

sponsor: Remington Rand Inc.
Release No. 729

January 17, 1949

5813 High definition camera tube; heater type; low velocity scanning; magnetic focusing and deflection. 8 pin base. See drawing.

Heater Voltage (a.c.)	6.3	volts
Heater Current	0.60	ampere

Direct Interelectrode Capacitance:

Cathode to all other elements	5 max.	uuf.
Grid to all other elements	5 max.	uuf.
Signal plate to all other elements	3 max.	uuf.

Leakage Resistance:

Between any two elements greater than 10 megohms

Face Terminal Caps (three) small metal

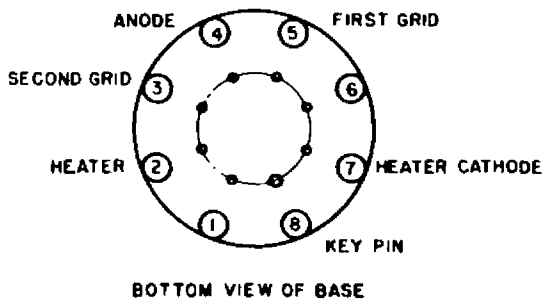
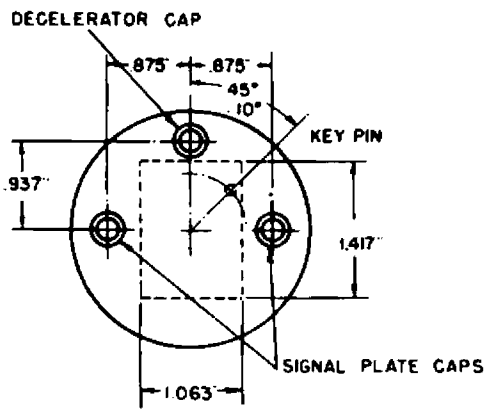
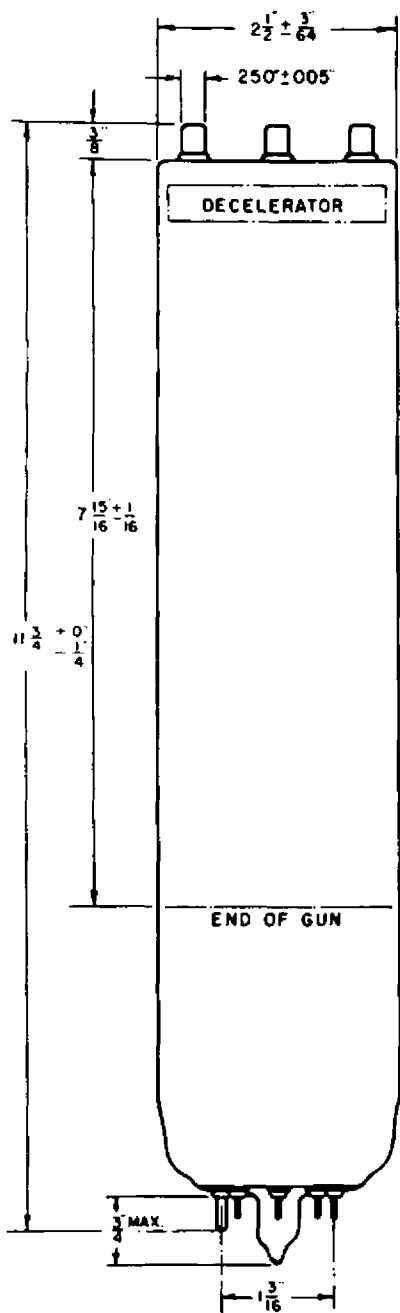
Max. Ratings

G ₁ Voltage	Never positive to -200 volts	
G ₂ Voltage	250 volts	
Anode Voltage	300 volts	
Decelerator Voltage	300 volts	
Signal plate bias	0 to -200 volts	
Temperature	60° C.	
Mosaic illumination	10 ft. candles	

Typical Operation

Heater voltage	6.3	volts
G ₁ voltage (for picture cutoff)	-5 to -45	volts
G ₂ voltage (Beam Focus)	140 to 210	volts
Anode voltage	250	volts
Decelerator voltage	0 to 60	volts
Signal-plate voltage	-2	volts
Field strength at center of Focusing coil	65	gauss

5813



NOTE MAKE NO CONNECTIONS TO PIN NO. 1-6 & 8.