



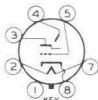
1629

1629

ELECTRON-RAY TUBE

INDICATOR TYPE WITH TRIODE UNIT

Heater	Coated Unipotential Cathode	
Voltage	12.6	a-c or d-c volts
Current	0.15	amp.
Overall Length	3-15/16" $\pm$ 3/16"	
Seated Height	3-3/8" $\pm$ 3/16"	
Maximum Diameter	1-3/16"	
Bulb	T-9	
Base	Small Shell Octal 7-Pin	
Pin 1 - No Connection	Pin 5 - Grid	
Pin 2 - Heater	Pin 7 - Heater	
Pin 3 - Plate	Pin 8 - Cathode	
Pin 4 - Target		
Mounting Position	Any	



BOTTOM VIEW (7AL)

*Maximum and Minimum Ratings Are Design-Center Values*INDICATOR SERVICE

Plate-Supply Voltage	250 max. volts	
Target Voltage	{ 250 max. volts 125 min. volts 90 max. volts	
D-C Heater-Cathode Potential	90 max. volts	
<i>Typical Operation:</i>		
Plate and Target Supply Voltage	200	250 volts
Series Triode Plate Resistor [□]	1	1 megohm
Target Current † ◇	3	4 ma.
Triode-Plate Current ◇	0.19	0.24 ma.
Triode-Grid Voltage (Approx.)		
For shadow angle of 0°	-6.5	-8.0 volts
For shadow angle of 90°	0	0 volts

 $\square$ Designated as R in the circuit diagram under Type 6E5, in the Receiving Tube Section. $\dagger$ Subject to wide variation. $\diamond$ For triode-grid bias of 0 volts. $\blacktriangle$ The plane of the ray-control electrode passes through the tube axis and base key.*Curves for Type 1629 are the same as for the 6E5 in the Receiving-Tube Section.* $\leftarrow$ Indicates a change.

JUNE 30, 1944

RCA VICTOR DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

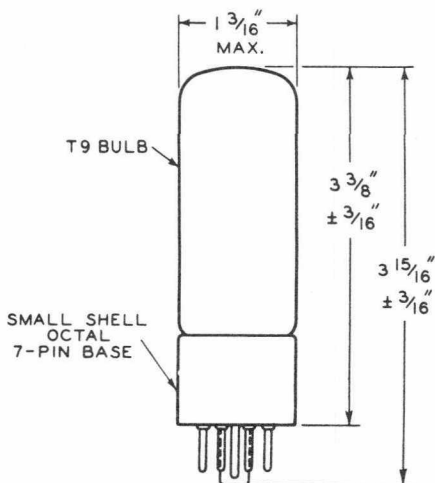
DATA

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ELECTRON-RAY TUBE



92CM-6554

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