



923

923

GAS PHOTOTUBE

Cathode	Semi-cylindrical	
Photosurface		S2
Window Area		0.4 sq.in.
Direct Interelectrode Capacitance		2 μ f
Maximum Overall Length		3-9/16"
Maximum Seated Height		2-15/16"
Maximum Diameter		1-3/16"
Bulb (lime glass)		T-9
Base		Small 4-Pin
Pin 1-No Connection		Pin 3-No Connection
Pin 2-Anode (+)		Pin 4-Cathode (-)
Mounting Position		Any



BOTTOM VIEW

*Maximum Ratings Are Absolute Values***MAXIMUM RATINGS and CHARACTERISTICS**

Anode-Supply Voltage (D.C. or Peak A.C.)	90 max. volts
Anode Current*	20 max. μ amp.
Ambient Temperature	100 max. $^{\circ}$ C
Luminous Sensitivity:*	
At 0 cycles	135 μ amp./lumen
At 5000 cycles	111 μ amp./lumen
At 10000 cycles	101 μ amp./lumen
Sensitivity at 8000 Angstroms	0.0130 μ amp./ μ watt
Gas Amplification Factor	Not over 10
D-C Resistance of Load:	

With anode-supply voltage of 75 volts or less

For d-c currents	{	above 3.5 μ amp.	0.1 min. megohm
		below 3.5 μ amp.	No Minimum

With anode-supply voltage of 90 volts

For d-c currents	{	above 2 μ amp.	4 min. megohms
		below 2 μ amp.	1 min. megohm

- * On the basis of the use of a sensitive cathode area 1/2" in diameter.
 * Subject to variations as explained on sheet PHOTOTUBE SENSITIVITY MEASUREMENTS in the front of this section.

CURVES

for the 923 are the same as those for the 930.

Spectral Sensitivity Characteristic of S2 Photosurface in lime-glass bulb is shown at beginning of this section.

← Indicates a change.

Mar. 20, 1943

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

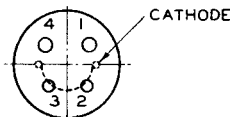
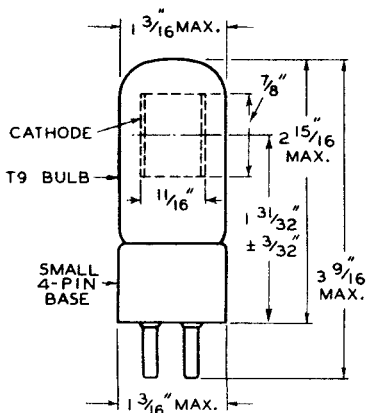
DATA

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BOTTOM VIEW

92C-4788R2

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CE-4788R2