



917

917

HIGH-VACUUM PHOTOTUBE

WITH ANODE TERMINAL CAP

Cathode	Semi-cylindrical	
Photosurface		S2
Window Area		1.0 sq.in.
Direct Interelectrode Capacitance		2.0 μ f
Maximum Overall Length		4-3/16" to 4-7/16"
Maximum Seated Height		3-9/16" to 3-13/16"
Maximum Diameter		1-3/16"
Bulb (lime glass)		T-8
Cap		Small Metal
Base		Tapered Small 4-Pin
Pin 1 - No Connection		Pin 4 - Cathode (-)
Pin 2 - No Connection		Cap - Anode (+)
Pin 3 - No Connection		
Mounting Position		Any



BOTTOM VIEW

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

Anode-Supply Voltage (D.C. or Peak A.C.)	500 max.	volts
Anode Current*	30 max.	μ amp.
Ambient Temperature	100 max.	$^{\circ}$ C
Luminous Sensitivity*	20	μ amp./lumen
Sensitivity at 8000 Angstroms	0.0020	μ amp./ μ watt
D-C Resistance of Load:		
<i>With anode-supply voltage of</i>		
250 volts		1 min. megohm
<i>With anode-supply voltage of</i>		
500 volts		10 min. megohms

* 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.

OUTLINE DIMENSIONS

for the 917 are the same as those for the 919.

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

← Indicates a change.

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DATA



AVERAGE ANODE CHARACTERISTICS

