

ELECTRONIC TUBE REFERENCE

6903

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
PHOTOMULTIPLIER

Ten-stage ultraviolet-sensitive photomultiplier for scintillation counting and low-level nuclear-radiation measurement.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect; cold cathode	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Photomultiplier	
MAXIMUM PLATE VOLTAGE	1250 V
MAXIMUM CATHODE CURRENT	0.75 mA
Published maximum ratings and electrical characteristics promoted from approved source.	

Ten-stage head-on multiplier phototube for ultraviolet detection, scintillation counting, and low-level radiation measurement.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1940 RCA

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1940 RCA

Section 1 · Photomultiplier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Voltage	1250 V	—
Maximum Cathode Current	0.75 mA	—
AnodeSupplyVoltageMaximum	1250 V	—
AverageAnodeCurrentMaximum	0.75 mA	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
CurrentMultiplicationMedian	400000	At 1000 V supply

TUBE TINKER

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and their source documents.

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