

ELECTRONIC TUBE REFERENCE

1P28

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
PHOTOMULTIPLIER

Nine-stage ultraviolet-sensitive photomultiplier for scientific measurement and scintillation-counting applications.

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	0.5 mA
Published maximum ratings and electrical characteristics promoted from the approved source.	

Nine-stage multiplier phototube with S-5 ultraviolet response for scientific measurement and scintillation counting.

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	0.5 mA	—
PeakAnodeCurrentMaximum	5 mA	—
AverageAnodeCurrentMaximum	0.5 mA	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
CurrentAmplification	1000000	100 V per dynode stage