



ELECTRONIC TUBE REFERENCE

7969

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

IMAGECONVERTERINTENSIFIER

Ultraviolet-responsive image-converter/camera tube using magnetic focusing and magnetic deflection. It converts ultraviolet imagery into an electronically scanned image signal rather than functioning as a simple point detector.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / —	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 ImageConverterIntensifier	
MAXIMUM PLATE VOLTAGE	1700 V
<i>Image-converter/camera section; focusing/deflection and photocathode data retained as parameters.</i>	

Image-converter/camera tube with magnetic focusing and magnetic deflection for ultraviolet response.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 General Electric Transmitting Types

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

1950 GENERAL ELECTRIC TRANSMITTING TYPES

Section 1 · ImageConverterIntensifier

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Focusing method	Magnetic	—
Deflection method	Magnetic	—
Spectral response	Ultraviolet	—