

Infrared-sensitive electrostatic image-converter tube that transforms a photocathode image into a visible fluorescent image.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 ImageConverterIntensifier	
MAXIMUM PLATE VOLTAGE	4500 V
Published maximum ratings and electrical characteristics promoted from the approved source.	

Infrared-sensitive electrostatic viewing tube that converts a photocathode image to a visible fluorescent image.



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 · ImageConverterIntensifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Voltage	4500 V	—
AcceleratingElectrodeVoltageMaximum	800 V	Grid No.3
FocusingElectrodeVoltageMaximum	250 V	Grid No.2
PhotocathodeIlluminationMaximum	50 foot-candle	—

TUBE TINKER

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