

ELECTRONIC TUBE REFERENCE

7325

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CAMERAPICKUP

High-sensitivity vidicon television camera tube for live-scene pickup. Its photoconductive target provides useful sensitivity with low image lag at low illumination, converting an optical image into a scanned video signal.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 600 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 CameraPickup
No fixed ratings recorded.
Representative electrical section; promoted fields and additional published ratings are mapped from the approved source where applicable.

High-sensitivity vidicon television camera tube primarily intended for live-scene pickup, using a photoconductive surface that provides high sensitivity and low lag at low light levels.

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 · CameraPickup

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode voltage maximum	350 V	Published datasheet value
Grid No. 2 voltage maximum	750 V	Published datasheet value

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Signal-electrode capacitance	4 pF	Published datasheet value
Center resolution minimum	600 lines	Published datasheet value