

ELECTRONIC TUBE REFERENCE

5655

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CAMERAPICKUP

Image-orthicon television camera tube designed for studio use, with improved resolution, signal-to-noise ratio, and natural half-tone response. It converts a focused optical image into a scanned electrical television 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	
MAXIMUM PLATE VOLTAGE	1500 V
MAXIMUM CATHODE CURRENT	0.1 mA
Published maximum ratings and electrical characteristics promoted from the approved source.	

Image orthicon television camera tube for studio use, with improved resolution, signal-to-noise ratio, and natural half-tone response.



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 · CameraPickup

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	6.3 V	Nominal
HeaterCurrentNominal	600 mA	Nominal
Maximum Plate Voltage	1500 V	—
Maximum Cathode Current	0.1 mA	—
PhotocathodeVoltageMaximum	550 V	—
GridNo6VoltageMaximum	550 V	—
AnodeSupplyVoltageMaximum	1500 V	—
AnodeCurrentMaximum	0.1 mA	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

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