

ELECTRONIC TUBE REFERENCE

GL7293

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CAMERAPICKUP

Image-orthicon television camera tube designed for electronic image pickup. It converts a focused optical scene into a photoelectron image that is scanned to produce a television 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	
MAXIMUM PLATE VOLTAGE	1250 V
Promoted fields mapped from printed ratings/characteristics headings; specialized published data retained in parameter rows.	

Image orthicon television camera tube.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

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

1968 GENERAL ELECTRIC CO

Section 1 · CameraPickup

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Cathode—Unipotential Over-all Length 15.20 +	0.25 in	Cathode—Unipotential Over-all Length 15.20 +0.25 Inches
Heater Voltage, ACor DC.. 6.3 =10% Volts Greatest Diameter of Bulb. 3.00 +=	0.06 in	Heater Voltage, ACor DC.. 6.3 =10% Volts Greatest Diameter of Bulb. +=0.06 Inches
Heater Current 0.6 Amperes Minimum Deflecting-Coil Inside Diameter	233 in	Heater Current 0.6 Amperes Minimum Deflecting-Coil Inside Diameter. . 233 Inches
Photocathode—Semi-transparent Deflecting-Coil Length	5 in	Photocathode—Semi-transparent Deflecting-Coil Length 5 Inches
Response—S-10 Focusing-Coil Length	10 in	Response—S-10 Focusing-Coil Length 10 Inches
Useful Size, maximum diagonal	1.8 in	Useful Size, maximum diagonal 1.8 Inches Alignment COID eng I. ' 'd E d f ! nches
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