

ELECTRONIC TUBE REFERENCE

GL6849

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CAMERAPICKUP

Low-light-level image-orthicon television camera tube designed for sensitive electronic image pickup. Its photoelectron image and scanning structure provide video output from scenes too dim for ordinary camera tubes.

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 CameraPickup	
MAXIMUM PLATE VOLTAGE	1250 V
Promoted fields mapped from printed ratings/characteristics headings; specialized published data retained in parameter rows.	

Low-light-level 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
e s	1.8 in	e s 1.8 Inches
OFQ	265 %	. OFQ265%0001" THE SIX 0.065"HOLES ARE ENLARGEDBY 45° TAPER

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Minimum Deflecting Coil Inside Diameter	234 in	Minimum Deflecting Coil Inside Diameter. 234 Inches
Deflecting Coil Length	5 in	Deflecting Coil Length. 5 Inches
Focusing Coil Length. e	10 in	Focusing Coil Length. e 10 Inches
Alignment Coil Length	12 in	Alignment Coil Length. 12 Inches
Photocathode Distance Inside End of Focusing Coil. L	4 in	Photocathode Distance Inside End of Focusing Coil. L4 Inches

TUBE TINKER

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