

ELECTRONIC TUBE REFERENCE

8572

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CAMERAPICKUP

High-resolution vidicon camera tube optimized for motion-picture film pickup.

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.
Vidicon camera-tube imaging section.

The 8572 is a high-resolution film-pickup vidicon.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1964 RMA EIA

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

1964 RMA EIA

Section 1 · CameraPickup

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	600 mA	—
Focusing Method	Magnetic text	—
Deflection Method	Magnetic text	—
Target Capacitance	4.6 pF	Approximate
Resolution Center	1000 TV lines	HighResolutionOperation
Resolution Corner	700 TV lines	HighResolutionOperation

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Grid1 Negative Bias	-300 V	—
Maximum Grid2 Voltage	750 V	—
Maximum Grid3 Voltage	1000 V	—
Maximum Grid4 Voltage	1000 V	—
Maximum Target Voltage	100 V	—
Grid2 Voltage	300 V	—
Grid3 Voltage	300 V	Representative
Grid4 Voltage	500 V	Representative

TUBE TINKER

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and their source documents.

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