

ELECTRONIC TUBE REFERENCE

7383

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
IMAGESTORAGE

One-inch Permachon pickup-storage tube designed for high-resolution, long-storage, continuous-readout imaging and reduced-bandwidth transmission. Its storage function distinguishes it from ordinary live camera pickup tubes.

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 ImageStorage
No fixed ratings recorded.
Published ratings and characteristics promoted where clearly applicable; additional source values retained as section parameters.

One-inch Permachon pickup-storage tube for high-resolution long-storage continuous-readout imaging and reduced-bandwidth transmission.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1947 Westinghouse

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

1947 WESTINGHOUSE

Section 1 · ImageStorage

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	6.3 V	Published nominal/representative value
Heater or filament current	600 mA	Published nominal/representative value
Spectral response	3000–7000 angstrom	Published
Focusing method	Magnetic	Published
Deflection method	Magnetic	Published

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Signal-electrode maximum voltage	15 V	Published

TUBE TINKER

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