

ELECTRONIC TUBE REFERENCE

7198A

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CAMERAPICKUP

Ruggedized non-burn image-orthicon television camera tube for military imaging under severe environmental conditions.

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	1850 V
Image-orthicon camera pickup system.	

Ruggedized non-burn image orthicon television camera tube for extreme-environment military applications.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1947 Westinghouse

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

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Section 1 · CameraPickup

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	ExtremeEnvironment_ImageOrthicon_Camera text	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
SignalOutputCurrentPeakToPeak	15 uA	—