

Seven-inch P4 cathode-ray display tube with a white screen, using manufacturer-specified focusing and deflection characteristics for direct visual display in type 7ARP4.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	0 V / —	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Cathode Ray	
MAXIMUM CATHODE CURRENT	100 mA
Promoted fields mapped by printed headings; additional data retained in parameters.	

7-inch electrostatic-focus, magnetic-deflection cathode-ray tube for radar and oscillographic applications requiring short persistence, with a high-resolution gun and aluminized screen.

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 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage @ 60 Hz	63 V	Published datasheet line; semantic text-layer recovery
Heater Current	108 A	Published datasheet line; semantic text-layer recovery
Greatest Bulb Diameter	8 in	Published datasheet line; semantic text-layer recovery
Anode Contact Aligns with Pin-No. 3 Position#	10 deg	Published datasheet line; semantic text-layer recovery
Anode Voltage	0 V	Published datasheet line; semantic text-layer recovery
Focusing-Electrode Voltage for Focus*	250 V	Published datasheet line; semantic text-layer recovery
Grid-No. 2 Voltage	330 V	Published datasheet line; semantic text-layer recovery
the anode voltage should not be less than	7000 V	Published datasheet line; semantic text-layer recovery
pin no. 3 position +	10 deg	Published datasheet line; semantic text-layer recovery
φ~	4 in	Published datasheet line; semantic text-layer recovery