

Fourteen-inch radar display CRT with magnetic focusing and magnetic deflection. A high-resolution gun, gray-glass face, aluminized screen, and capability for anode voltages up to about 20 kV make it especially suitable for high-resolution monitor applications.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	20000 V / —	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Cathode Ray	
MAXIMUM PLATE VOLTAGE	20000 V
Source-derived physical section; applicable promoted ratings are populated from the printed sheet.	

%StinghOllSé 14AZP4 1 April 28, 1959 RADAR DISPLAY TUBE TYPE 14AZP4 The 14AZP4 is a magnetically focused, mognetically deflected cathode ray display tube. Its high resolution gun coupled with high brightness capabilities make it especially suited for high resolution monitor applications. The face is gray-glass for improved contrast and the screen is aluminized for increased brightness.

ELECTRICAL: MAXIMUM RATINGS Cathode. . . . v v v v i i e i e i + .. Coated Unipotential Design Center Values Heater: Anode Voltage™ 20000 max. Yolts Voltaگا{acorde} « . . v v v it v ian e 6.3 Yalrs Grid 2 Voltage . . . v v v o v v v v v 500 max. Yolts Current e e e e e 0.6 Yolts Grid 1 Yoltage: Direct Interelectrode Capacitances: Negative Bias Value, 140 max. Yolts Grid 1 to All Qther Electrodes 6 pyLf Negative Peak Value ., ... 200 max. VYolts Cathode to All Other Electrodes 5 Lt Positive Bigs Valua. e 2



SOURCE PDF

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

Section 1 · Cathode Ray

TUBE TINKER · 14A7P4

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Screen Area, Min, ., ... e e e e	13 Inches	Screen Area, Min, ., ... e e e e 96 Sq. Inches Line Widtha 013 .013 Inch
Faceplate. o Spherical Grid	10000 ohm	Faceplate. o Spherical Grid 2 Ciscuit Resistance 10000 min. Ohms
B Grid	10000 ohm	B Grid 4 Circuit Resistance 10000 min. Ohms