

ELECTRONIC TUBE REFERENCE

5CXP2

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Five-inch flat-faced electrostatic oscillographic cathode-ray tube. Its electrostatic focusing and deflection provide precise direct-view waveform presentation for measurement and instrumentation applications.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	12
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 Cathode Ray	
MAXIMUM PLATE VOLTAGE	2750 V
5-inch flat-faced electrostatic oscillographic cathode-ray tube.	

5-inch flat-faced electrostatic oscillographic cathode-ray tube.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1945 Continental Electronics

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

1945 CONTINENTAL ELECTRONICS

Section 1 · Cathode Ray

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Focusing Method	Electrostatic	—
Deflecting Method	Electrostatic	—
Cathode to Other Electrodes Capacitance	5 pF	Approximate
Grid 1 to Other Electrodes Capacitance	5 pF	Approximate
Screen	P2	Green fluorescence; long persistence

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode 1 Voltage	—1100 V	Maximum
Grid Negative Bias	—220 V	Maximum magnitude
Anode 2 Voltage Typical	1500 V	—
Anode 1 Focusing Voltage	250–475 V	—
Grid Cutoff Voltage	-70 V	—
Deflection Factor D1D2	49 V/in	Approximate
Deflection Factor D3D4	39 V/in	Approximate