



ELECTRONIC TUBE REFERENCE

5ACP4

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

CATHODERAY

Five-inch CRT with electromagnetic deflection, electrostatic zero-focus-voltage operation, and a metal-backed P4 screen. Published anode capability reaches approximately 18 kV for bright specialized display service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	8EQ	BASE PINS	8
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	18000 V
MAXIMUM SCREEN VOLTAGE	410 V
MAXIMUM HEATER-CATHODE VOLTAGE	125 V
Published applicable promoted ratings populated; remaining device-specific values retained as parameters.	

Electromagnetic-deflection, electrostatic-focus zero-focus-voltage CRT; metal-backed P4 screen.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1955 Vacuum Tube Products

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

1955 VACUUM TUBE PRODUCTS

Section 1 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Typical Anode Voltage	12000 V	—
Typical Grid 2 Voltage	250 V	—
Grid 1 Voltage Range	-63--27 V	—
Focus Voltage Range	-500-500 V	—
Grid 1 Circuit Resistance Maximum	1.5 Mohm	—
Grid 2 Circuit Resistance Minimum	470 ohm	—
Anode Circuit Resistance Minimum	15000 ohm	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Deflection Angle	53 degree	—