



ELECTRONIC TUBE REFERENCE

5BP1

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

CATHODERAY

Five-inch electrostatic oscilloscope and instrument cathode-ray tube designed for direct waveform display. Manufacturer documentation specifies the electron-optical system, screen characteristics, ratings, capacitances, and representative operating conditions.

GENERAL CHARACTERISTICS

BASE DESIGNATION	10A	BASE PINS	11
NOMINAL HEATER	6.3 V / 600 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Cathode Ray	
MAXIMUM PLATE VOLTAGE	2000 V
Cathode-ray electron-gun/display section.	

Five-inch electrostatically deflected cathode-ray tube with green P1 screen, dual-marked by Sylvania as 5BP1/1802-P1.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 Sylvania

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

1950 SYLVANIA

Section 1 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	Nominal
Heater Current	600 mA	Nominal