



ELECTRONIC TUBE REFERENCE

5DYP2

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Five-inch P2 cathode-ray instrument tube for oscillograph or measurement display, with manufacturer-specified focusing, deflection, accelerating voltages, and phosphor characteristics for precision waveform presentation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	B6-203	BASE PINS	6
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 0 Cathode Ray

No fixed ratings recorded.

CRT electrode ratings, focusing/deflection data, capacitances, and operating voltages are preserved in parameter rows.

5-inch magnetic-deflection cathode-ray tube with a low-voltage electrostatic focus lens, low heater current, compact dimensions, and an aluminized phosphor screen.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1951 Thomas Electronics

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

1951 THOMAS ELECTRONICS

Section 0 · Cathode Ray

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
FocusingMethod	Electrostatic	—
DeflectionMethod	Magnetic	—
Deflection Angle	53 degree	—
Heater Voltage	6.3 V	—
Heater Current	300 mA	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
MaximumMainAnodeOrAcceleratorVoltage	11000 V	—
TypicalMainAnodeOrAcceleratorVoltage	7000 V	—
MaximumFocusingElectrodeVoltage	1100 V	—
TypicalFocusingElectrodeVoltage	0–250 V	—
MaximumGrid1NegativeBiasMagnitude	180 V	—
Maximum Heater Cathode Voltage	180 V	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Cathode To All Capacitance	5 pF	—
Grid1 To All Capacitance	6 pF	—