

ELECTRONIC TUBE REFERENCE

5DHP1

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Five-inch high-brightness radar CRT with magnetic focusing and deflection and an aluminized P1 screen. Its high-voltage beam system provides a bright direct-view radar presentation.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Cathode Ray	
MAXIMUM PLATE VOLTAGE	27000 V
MAXIMUM CATHODE CURRENT	0.2 mA
Substantive ratings/characteristics/operating-condition extraction from supplied Mullard source.	

Five-inch high-brightness radar CRT with magnetic focus/deflection and aluminized P1 screen.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Mullard

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

1963 MULLARD

Section 1 · Cathode Ray

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	6.3 V	—
HeaterOrFilamentCurrent	300 mA	—
FocusingMethod	Magnetic	—
DeflectionMethod	Double magnetic	—
Deflection Angle	40 degree	—
ScreenDiameter	100 mm	—
Phosphor	P1 green	—
GridToAllCapacitanceMax	9 pF	—
CathodeToAllCapacitanceMax	7 pF	—
AnodeVoltageTypical	22000 V	—

TUBE TINKER

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and their source documents.

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