

ELECTRONIC TUBE REFERENCE

7AHP1

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
CATHODERAY

Seven-inch P1 cathode-ray instrument tube for oscillographic or measurement display, with manufacturer-specified focusing, deflection, accelerating-voltage, and phosphor characteristics.

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
No fixed ratings recorded.
Cathode-ray electron-gun/display section.

The Mullard 7AHP1 is a rectangular electrostatic CRT for radar or oscilloscope applications

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

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	300 mA	—
Focusing Method	Electrostatic text	—
Deflection Method	Double electrostatic text	—
Fluorescence	Green text	—
Persistence	P1 medium text	—
Grid 1 Cutoff Range	-25 to -70 V	—
X Deflection Sensitivity	0.19 mm/V	—
Y Deflection Sensitivity	0.21 mm/V	—
Grid 1 Capacitance Maximum	10 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode 3 Voltage	5000 V	—
Anode 2 Voltage Minimum	600 V	—
Anode 2 Voltage Maximum	700 V	—
Anode 1 Voltage	1800 V	—

TUBE TINKER

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and their source documents.

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