



ELECTRONIC TUBE REFERENCE

A44120NR

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Mullard monochrome television picture-tube designation explicitly documented as equivalent to A44120WR. The source supports the same direct-view television role without providing separate individual construction data.

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

SECTION 1 Cathode Ray*No fixed ratings recorded.**Equivalent electron-gun/display section of A44120WR.*

The Mullard A44120NR is explicitly identified as an equivalent/co-designation of A44120WR in the supplied source.

SOURCE OPERATING CONDITIONS

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	Magnetic text	—
Deflection Angle	110 deg	—
Light Transmission	48 percent	Approximate
Grid Cutoff Voltage Range	-40 to -77 V	AtFirstAnode=400V
Grid Cutoff Voltage Range	-50 to -93 V	AtFirstAnode=500V

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Final Anode Voltage	18000 V	—
Focus Electrode Voltage Minimum	0 V	—
Focus Electrode Voltage Maximum	400 V	—
First Anode Voltage	400 V	OperatingOption1
First Anode Voltage	500 V	OperatingOption2
Maximum Heater Surge Voltage	9.5 V	SeriesHeaterOperation