



ELECTRONIC TUBE REFERENCE

AW1336

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Five-inch direct-view television viewfinder CRT with electrostatic focusing and a metal-backed screen. Its compact format is intended for camera or professional television viewfinder service.

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	
MAXIMUM PLATE VOLTAGE	15000 V
<i>Published Mullard ratings, characteristics, capacitances, and operating data promoted where applicable; additional electrical values retained as parameters.</i>	

5-inch direct-view television viewfinder CRT with electrostatic focus and metal-backed 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

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Focusing method	Electrostatic	—
Deflection method	Magnetic	—

CONSTRUCTION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Screen construction	Metal-backed	—
Useful screen diameter	108 mm	—

APPLICATION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Direct-view television / radar display	—

CAPACITANCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-to-all capacitance maximum	8 pF	—
Cathode-to-all capacitance maximum	8 pF	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Focus-electrode voltage minimum	-200 V	—
Focus-electrode voltage maximum	200 V	—
Extended focus-search voltage minimum	-300 V	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Extended focus-search voltage maximum	300 V	—
Heater surge voltage maximum	9.5 V rms	SeriesHeater
Heater-cathode voltage maximum cathode negative	125 V	—
Heater-cathode voltage maximum cathode positive	200 V	—
Heater-cathode peak voltage maximum cathode positive	410 V	—