

ELECTRONIC TUBE REFERENCE

8454

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Five-inch direct-view storage tube with a high-resolution writing gun and flood viewing gun. Its storage system provides persistent detailed electronic displays.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / —	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/storage display structure. The fixed promoted fields are not semantically applicable; published view-screen and electron-gun ratings are preserved in parameters.

The Machlett ML-8454 is a five-inch direct-view storage tube with high-resolution write gun and flood viewing gun.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1971 Machlette Laboratories

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

1971 MACHLETTE LABORATORIES

Section 1 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum view-screen voltage	11000 V	—
Maximum view-screen dissipation	10 W	—
Storage mesh voltage maximum	200 V	—
Collector mesh voltage	250 V	—
Flood-gun anode No.4 voltage	250 V	—
Flood-gun anode No.2 voltage	150 V	—