



ELECTRONIC TUBE REFERENCE

6835

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Recording-storage cathode-ray tube designed for repeated display and electronic storage applications. Raytheon documentation identifies a storage CRT capable of retaining written information rather than requiring continuous beam refresh.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 600 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	4000 V
<i>Published maximum ratings and typical characteristics promoted from the approved source; identical repeated sections compressed where applicable.</i>	

Recording-storage cathode-ray tube for repeated display and electronic storage applications.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1938 Raytheon

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

1938 RAYTHEON

Section 1 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	6.3 V	Nominal
HeaterCurrentNominal	600 mA	Nominal
Maximum Plate Voltage	4000 V	—
DecelerationScreenVoltageMaximum	500 V	—
StorageScreenVoltageMaximum	500 V	—
MaximumDeflectionAngle	20 degree	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker