

ELECTRONIC TUBE REFERENCE

CK1519

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

CATHODERAY

Specialized Raytheon cathode-ray tube in the CK family. The available source extraction was incomplete in this pass, so its exact display, recording, storage, or printing function is not inferred.

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

SECTION1 Cathode Ray	
MAXIMUM PLATE VOLTAGE	4500 V
Published ratings and characteristics promoted where clearly stated.	

Miniature dual-gun cathode-ray recording storage tube for simultaneous write/read scan conversion in airborne sonar, infrared and radar display equipment.

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

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	6.3 V	Published nominal value
Heater or filament current	600 mA	Published nominal value
Resolution at 4000 V	850 TV lines	Minimum, center of storage area
Resolution at 2500 V	600 TV lines	Minimum, center of storage area