

Raytheon radar cathode-ray tube with electrostatic focusing, magnetic deflection, and a P7 screen. This family is designed for direct radar indication, with metallized or filter-face construction on applicable variants.

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	15000 V
Published ratings and characteristics promoted where clearly stated.	

16-inch electrostatic-focus, magnetic-deflection radar cathode-ray tube with long-persistence P7 screen and metallized screen.



SOURCE OPERATING CONDITIONS

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
Deflection angle	53 deg	Published approximate value

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Collector operating voltage	12000 V	Published

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