ELECTRONIC TUBE REFERENCE

CK1353P7

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
CATHODERAY

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.

SOURCE OPERATING CONDITIONS

1938 Raytheon

SOURCE PDF

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

OTHER

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

Tube Tinker

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