

ELECTRONIC TUBE REFERENCE

CK1381P2

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Raytheon radar cathode-ray tube with electrostatic focusing, magnetic deflection, and a P2 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	18000 V
Published ratings and characteristics promoted where clearly stated.	

16-inch electrostatic-focus, magnetic-deflection radar cathode-ray tube with gray filter faceplate and metallized high-efficiency P2 screen.



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
Screen phosphor	P2	Published selected variant
Deflection angle	52 deg	Published approximate value

TUBE TINKER

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and their source documents.

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