

ELECTRONIC TUBE REFERENCE

7TD3A

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Seven-inch cathode-ray radar display tube documented by Cintel. Its datasheet specifies focusing and deflection systems, phosphor and afterglow behavior, capacitances, and operating ratings for radar indication.

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
<i>No fixed ratings recorded.</i>
<i>CRT operating ratings and direct interelectrode capacitances are published in the approved datasheet.</i>

7TD3A is a cathode-ray radar display tube; the approved datasheet specifies its focusing/deflection system, phosphor, afterglow, capacitances, and operating ratings.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

196X Cintel

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

196X CINTEL

Section 1 · Cathode Ray

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	Nominal published value
Heater Current	600 mA	Nominal published value
Anode	6 pF	Published direct interelectrode capacitance
Cathode to all other electrodes	8 pF	Published direct interelectrode capacitance

CONSTRUCTION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Focusing Method	Magnetic	Published focusing method
Deflecting Method	Magnetic	Published deflection method

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