

ELECTRONIC TUBE REFERENCE

6ED7

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

CATHODERAY

Six-inch cathode-ray oscilloscope tube with electrostatic focusing and electrostatic deflection. Cintel documentation specifies its phosphor, interelectrode capacitances, heater data, maximum ratings, and representative operating conditions.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 1 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Cathode Ray
No fixed ratings recorded.
CRT operating ratings and direct interelectrode capacitances are published in the approved datasheet.

6ED7 is a cathode-ray oscilloscope tube; the approved datasheet specifies its electrostatic focusing/deflection system, phosphor, interelectrode 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	4 V	Nominal published value
Heater Current	1 A	Nominal published value
Modulator to all other electrodes	25 pF	Published direct interelectrode capacitance
Each X Plate to all other electrodes	25 pF	Published direct interelectrode capacitance
One X to one Y Deflector Plate	25 pF	Published direct interelectrode capacitance
Cathode to all other electrodes	15 pF	Published direct interelectrode capacitance

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

TUBE TINKER

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