



ELECTRONIC TUBE REFERENCE

CONSOLIDATED TECHNICAL DATA

1300Y

1 SECTION
CONSTRUCTION
CATHODERAY

Specialized - Cathode Ray electronic tube

Flat-faced rectangular oscilloscope cathode-ray tube with post-deflection acceleration and side-connected deflection plates. Designed for oscilloscope service, it combines electrostatic trace control with final acceleration to about 7 kV for a bright instrument display.

GENERAL CHARACTERISTICS

BASE DESIGNATION	B12F	BASE PINS	12
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION0 Cathode Ray	
MAXIMUM PLATE VOLTAGE	7000 V
Fourth anode absolute maximum 7.0 kV.	

A flat-faced rectangular oscilloscope tube with post-deflection acceleration and side-connected deflection plates for oscilloscope service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

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

1968 GENERAL ELECTRIC CO

Section 0 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Third Anode Voltage Maximum	2500 V	—
First Anode Voltage Maximum	2200 V	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Y Deflection Factor Maximum	8.7 V/cm	TypicalOperation
X Deflection Factor Maximum	16.5 V/cm	TypicalOperation

TUBE TINKER

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and their source documents.

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