



ELECTRONIC TUBE REFERENCE

1300S

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

CATHODERAY

Flat-faced split-beam dual-trace oscilloscope tube with distributed post-deflection acceleration and deflection blanking. It is intended for general-purpose dual-trace oscilloscopes, providing two simultaneous traces from a specialized split-beam electron-optical system.

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

SECTION 0 Cathode Ray	
MAXIMUM PLATE VOLTAGE	5000 V
MAXIMUM CATHODE CURRENT	0.5 mA
<i>Fourth anode absolute maximum 5.0 kV; published maximum cathode current 500 uA.</i>	

A flat-faced split-beam dual-trace oscilloscope tube with distributed post-deflection acceleration and deflection blanking, intended for general-purpose dual-trace oscilloscopes.

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	2000 V	—
First Anode Voltage Maximum	1200 V	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Y Deflection Factor Maximum	11.25 V/cm	BriefData
X Deflection Factor Maximum	16.5 V/cm	BriefData