

ELECTRONIC TUBE REFERENCE

1300R

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Flat-faced 13 cm oscilloscope cathode-ray tube with mesh post-deflection acceleration and an aluminized screen. It is intended for precision wide-band oscilloscopes, combining high accelerating voltage with a display structure optimized for fast instrumentation.

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	17300 V
Fourth/final anode absolute maximum 17.3 kV.	

A flat-faced oscilloscope tube with a 13 cm faceplate, mesh post-deflection acceleration and aluminized screen, intended for precision wide-band 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	3300 V	—
First Anode Voltage Maximum	1700 V	—
Typical Final Anode Voltage	15000 V	TypicalOperation
Typical Third Anode Voltage	1500 V	TypicalOperation