



ELECTRONIC TUBE REFERENCE

T980H

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

CATHODERAY

English Electric cathode-ray instrument tube with electrostatic beam control and precision deflection, intended for oscillographic or measurement display with screen characteristics designated by type T980H.

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 1 Cathode Ray	
MAXIMUM PLATE VOLTAGE	15000 V
Maximum final-anode/PDA voltage mapped to MaxPlateVoltage.	

Five-inch wide-band high-speed oscilloscope cathode-ray tube with electrostatic focus and deflection, post-deflection acceleration, and anode modulation electrodes. H screen

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1971 English Electric Valve

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

1971 ENGLISH ELECTRIC VALVE

Section 1 · Cathode Ray

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	—
Heater current	300 mA	—
Maximum anode 4 voltage	3.3 kV	—
Maximum anode 3/anode 1 voltage	3.3 kV	—
Maximum anode 2 voltage	1.5 kV	—
Typical PDA/screen voltage	12 kV	—

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Screen characteristic	H screen	—

CAPACITANCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid to all other electrodes capacitance	6.1 pF	—

TUBE TINKER

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and their source documents.

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