

ELECTRONIC TUBE REFERENCE

T980X

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
CATHODERAY

Five-inch wide-band high-speed oscilloscope CRT with electrostatic focusing and deflection, post-deflection acceleration, and anode-modulation electrodes. The X-screen variant is intended for fast professional waveform 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

SECTION1 Cathode Ray
No fixed ratings recorded.
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. X screen

SOURCE OPERATING CONDITIONS

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	X screen	—

CAPACITANCE

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

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

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