

ELECTRONIC TUBE REFERENCE

FW202

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Five-inch barrier-grid storage cathode-ray tube designed for MTI, binary and random-access storage, image storage, and scan conversion. Its storage target retains electronically written information for subsequent readout.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 600 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Cathode Ray	
MAXIMUM PLATE VOLTAGE	1600 V

Five-inch barrier-grid storage cathode-ray tube for MTI, binary storage, random access, image storage, and scan conversion.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1962 ITT

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

1962 ITT

Section 1 · Cathode Ray

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	600 mA	—
Barrier Grid Voltage	0 V	—
Backplate Voltage	50 V	—
Beam Current	1-5 uA	—
Storage Function	Background cancellation / random access	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Viewing/High-Voltage Electrode Potential	1600 V	—
Maximum G1 Voltage	1600 V	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Collector Capacitance	17 pF	—

TUBE TINKER

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and their source documents.

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