

ELECTRONIC TUBE REFERENCE

3BWP1

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Flat-face three-inch oscilloscope CRT with a single electron gun, electrostatic focusing, and electrostatic deflection. Designed for accurate measuring equipment, it provides a compact direct-view precision trace.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	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.

Flat-face 3-inch oscilloscope tube with a single gun, electrostatic focusing and electrostatic deflection, intended for accurate measuring equipment.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 Matsushita

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

1961 MATSUSHITA

Section 1 · Cathode Ray

CAPACITANCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid No. 1 to all other electrodes capacitance	6.6 pF	—
Cathode to all other electrodes capacitance	4 pF	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Accelerator voltage maximum	—2500 V	—
Accelerator input maximum	—6 W	—
Focusing electrode voltage maximum	—1000 V	—
Typical accelerator voltage	1500 V	—
Typical focusing electrode voltage	247–397 V	—
Grid No. 1 cutoff voltage	-80--40 V	—

TUBE TINKER

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