

ELECTRONIC TUBE REFERENCE

4063YB

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

High-voltage blue-screen cathode-ray instrument tube with electrostatic deflection, a 5 kV final-anode rating, published X/Y sensitivity, and screen-input limits for oscillographic display.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2 V / 1.9 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Cathode Ray	
MAXIMUM PLATE VOLTAGE	5000 V
High-vacuum cathode-ray tube.	

4063YB is a high-vacuum cathode-ray tube; blue screen. The Standard Valves sheet publishes construction, electrical constants, limiting conditions, and applicable operating data.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1937 Standard Valves

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

1937 STANDARD VALVES

Section 1 · Cathode Ray

CONSTRUCTION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Screen color	Blue	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum final anode voltage	5000 V	—
Grid bias cutoff	30 V	Approximate



SOURCE OPERATING CONDITIONS

1946 Standard Telephone and Cables

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

1946 STANDARD TELEPHONE AND CABLES

Section 1 · Cathode Ray

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Interelectrode capacitances published	1	See source table for individual capacitances



1947 Standard Valves

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

1947 STANDARD VALVES

Section 1 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum anode voltage	5 kV	—
Maximum screen input power	0.01 W/cm2	—
Third anode voltage	5 kV	—
First anode voltage	150 V	—

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
X sensitivity	600 mm/V	V = final anode voltage
Y sensitivity	700 mm/V	V = final anode voltage

TUBE TINKER

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