

ELECTRONIC TUBE REFERENCE

4063AB

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.	

4063AB 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

[SOURCE PDF](#)

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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