

ELECTRONIC TUBE REFERENCE

7360

Specialized - Uncategorized electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

OTHER

Beam-deflection tube designed for balanced modulation, demodulation, mixing, and frequency conversion at frequencies extending to approximately 100 MHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 350 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Other	
TRANSCONDUCTANCE	0.0054 S
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM SCREEN VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	3 W
MAXIMUM SCREEN DISSIPATION	0.5 W
MAXIMUM CATHODE CURRENT	12 mA
Beam-deflection section with two plates and two deflecting electrodes.	

Beam-deflection tube for balanced modulator, demodulator, mixer, and frequency-converter service to about 100 MHz.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1960 RCA Industrial and Communications Types

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

1960 RCA INDUSTRIAL AND COMMUNICATIONS TYPES

Section 1 · Other

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Balanced modulator / demodulator / mixer / frequency converter	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum useful frequency	100 MHz	—
Balanced mixer load impedance	10000 ohm	—
Balanced modulator load impedance	5000 ohm	—

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Balanced modulator output	4 Vpp	PushPull
Balanced mixer output	40 Vpp	PushPull



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1971 RCA HB3 Binder 3 of 7

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

1971 RCA HB3 BINDER 3 OF 7

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	—
Heater current	350 mA	—
Plate No.1 supply voltage	150 V	ClassA
Plate No.2 supply voltage	150 V	ClassA
Deflecting-electrode supply voltage	25 V	EachDeflector
Screen supply voltage	175 V	ClassA
Total beam current	8.5 mA	ClassA
Screen current	2.1 mA	ClassA
Maximum plate voltage each	300 V	—
Maximum deflecting-electrode voltage	100 V	BothPolarities
Carrier suppression	60 dB	BalancedModulator
Third-order distortion	-47 dB	BalancedModulator

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Control-grid to both plates transconductance	5400 uS	—
Deflecting-electrode transconductance	800 uS	Plate1
Switching voltage	11 V	—

TUBE TINKER

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