

ELECTRONIC TUBE REFERENCE

7057

Voltage - Dual Triode (similar high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
TRIODE-TRIODE

Medium-mu twin triode designed for cascode RF amplifier service to approximately 200 MHz, suitable for VHF receiver front ends and related high-frequency amplification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	13.5 V / 180 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	5300 Ω
TRANSCONDUCTANCE	0.0068 S
AMPLIFICATION FACTOR	36
MAXIMUM PLATE VOLTAGE	275 V
MAXIMUM PLATE DISSIPATION	2.2 W
MAXIMUM CATHODE CURRENT	20 mA
Representative row for two identical triodes.	

SECTION2 Triode	
PLATE RESISTANCE	5300 Ω
TRANSCONDUCTANCE	0.0068 S
AMPLIFICATION FACTOR	36
MAXIMUM PLATE VOLTAGE	275 V
MAXIMUM PLATE DISSIPATION	2.2 W
MAXIMUM CATHODE CURRENT	20 mA
<i>Second physical triode section; electrically identical twin section.</i>	

Medium-mu twin triode for cascode RF amplifier service to about 200 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 · Triode

CROSSREFERENCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Prototype / equivalent family	6BZ7	—

APPLICATION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Cascode RF amplifier	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum useful frequency	200 MHz	—



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

Section 1 · Triode

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	13.5 V	—
Heater current	180 mA	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	150 V	ClassA;EachSection
Plate current	10 mA	ClassA;EachSection
Maximum plate voltage	275 V	EachSection
Maximum plate dissipation	2.2 W	EachSection

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate resistance	5300 ohm	EachSection
Transconductance	6800 uS	EachSection
Amplification factor	36	EachSection

TUBE TINKER

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and their source documents.

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