



ELECTRONIC TUBE REFERENCE

7061

Power - Beam Single (NOT sweep) (under 10W) electronic tube

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
BEAMPOWER

Beam-power tube designed for audio-frequency power amplification in mobile communications equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	13.5 V / 210 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
PLATE RESISTANCE	60000 Ω
TRANSCONDUCTANCE	0.0042 S
MAXIMUM PLATE VOLTAGE	345 V
MAXIMUM SCREEN VOLTAGE	310 V
MAXIMUM PLATE DISSIPATION	9 W
MAXIMUM SCREEN DISSIPATION	2 W
MAXIMUM CATHODE CURRENT	50 mA
<i>Published RCA ratings and characteristics promoted where applicable; additional application and operating data retained as parameters.</i>	

Beam-power tube for AF power-amplifier service in mobile communications equipment.



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 · Beam Power

CROSSREFERENCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Prototype / equivalent family	12AB5	—

APPLICATION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	AF power amplifier	—



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 · Beam Power

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	13.5 V	—
Heater current	210 mA	—
Maximum plate voltage	345 V	—
Maximum screen voltage	310 V	—
Maximum plate dissipation	9 W	—
Plate voltage	200 V	ClassA

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Screen voltage	200 V	ClassA
Plate current	35.5 mA	ClassA
Power output	2.4 W	ClassA

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate resistance	60000 ohm	ClassA
Transconductance	4200 uS	ClassA

TUBE TINKER

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