



ELECTRONIC TUBE REFERENCE

32ET5A

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

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
BEAMPOWER

Beam-power audio-output tube for AC/DC receivers, closely related to 32ET5 and optimized for useful loudspeaker power from low-voltage series-string equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	7-pin miniature	BASE PINS	7
NOMINAL HEATER	32 V / 100 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Beam Power	
PLATE RESISTANCE	21500 Ω
TRANSCONDUCTANCE	0.0055 S
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM SCREEN VOLTAGE	130 V
MAXIMUM PLATE DISSIPATION	4.4 W
MAXIMUM SCREEN DISSIPATION	1.2 W
MAXIMUM HEATER-CATHODE VOLTAGE	200 V
WARM-UP TIME	20 s
<i>Published promoted fields populated from Maximum Ratings / Characteristics / Typical Operation headings.</i>	

Beam power pentode; electrically identical to 32ET5 except heater ratings. It uses a nominal 32 V, 0.1 A

heater. The supplied datasheet was used for ratings, characteristics, and typical operating data.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 Sylvania

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

1950 SYLVANIA

Section 1 · Beam Power

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	32 V	—
HeaterOrFilamentCurrent	100 mA	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Signal Power Output	1.2 W	ClassA



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 Tung Sol

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

1961 TUNG SOL

Section 1 · Beam Power

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	110 V	ClassA1
Screen Voltage	110 V	ClassA1
Maximum Signal Power Output	1.2 W	ClassA1

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Resistance	21500 ohm	ClassA1

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	5500 μ S	ClassA1



SOURCE DATA APPENDIX

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1966 Tung Sol Electronic Tubes 3 of 4

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

1966 TUNG SOL ELECTRONIC TUBES 3 OF 4

Section 1 · Beam Power

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Resistance	21500 Ω	Published datasheet value
InterelectrodeCapacitanceDataPublished	1 boolean	See supplied datasheet capacitance table

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
MaxPlateVoltage	150 V	Published datasheet value
MaxScreenVoltage	130 V	Published datasheet value
MaxPlateDissipation	5.4 W	Published datasheet value
MaxScreenDissipation	1.2 W	Published datasheet value
Heater Voltage	32 V	Nominal heater rating
Heater Current	100 mA	Nominal heater rating



SOURCE DATA APPENDIX

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1971 RCA HB3 Binder 5 of 7

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

1971 RCA HB3 BINDER 5 OF 7

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Voltage	150 V	—
Maximum Screen Voltage	130 V	—
Plate Dissipation	5.4 W	—
Plate Voltage	110 V	—
Screen Voltage	110 V	—

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Resistance	21500 Ω	—
Transconductance	5500 μS	—

TUBE TINKER

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