



ELECTRONIC TUBE REFERENCE

35A5LT

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMPOWER

Long-life or controlled-heater variant of the 35A5 beam-power audio-output family, intended for series-string receiver power-amplifier service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	35 V / 150 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
PLATE RESISTANCE	14000 Ω
TRANSCONDUCTANCE	0.0058 S
MAXIMUM PLATE VOLTAGE	110 V
MAXIMUM SCREEN VOLTAGE	110 V
<i>Published ratings and characteristics promoted where clearly stated; remaining published values retained as section parameters.</i>	

Beam-power amplifier for single-tube Class-A audio-frequency output service with a 35 V, 0.15 A heater.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1940 RCA

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

1940 RCA

Section 1 · Beam Power

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	35 V	Published nominal value
Heater or filament current	150 mA	Published nominal value
Transconductance	5800 μS	Published representative/high operating value
Plate resistance	14000 ohm	Published representative/high operating value

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Audio power output	1.5 W	SingleTube; ClassA
Load resistance	2500 ohm	SingleTube; ClassA

TUBE TINKER

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