

ELECTRONIC TUBE REFERENCE

7C5LT

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
BEAMPOWER

Long-life or controlled-heater variant of the 7C5 loctal beam-power audio-output family, intended for dependable receiver and amplifier output service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	6AA	BASE PINS	8
NOMINAL HEATER	6.3 V / 450 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

6AA - TERMINAL PINOUT

TERMINAL	SECTION	ELEMENT	STATUS
PIN1 – Pin 1	–	H – Heater	CONNECTED • verified
PIN2 – Pin 2	A	P – Plate (Anode)	CONNECTED • verified
PIN3 – Pin 3	A	G2 – Screen Grid	CONNECTED • verified
PIN4 – Pin 4	–	–	NC • verified
PIN5 – Pin 5	–	–	NC • verified
PIN6 – Pin 6	A	G1 – Control Grid	CONNECTED • verified
PIN7 – Pin 7	A	BP – Beam-Forming Plate	CONNECTED • verified
PIN7 – Pin 7	A	K – Cathode	CONNECTED • verified

TERMINAL	SECTION	ELEMENT	STATUS
PIN8 – Pin 8	–	H – Heater	CONNECTED · verified

SECTION RATINGS

SECTION1 Beam Power	
PLATE RESISTANCE	52000 Ω
TRANSCONDUCTANCE	0.0041 S
MAXIMUM PLATE VOLTAGE	315 V
MAXIMUM SCREEN VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	12 W
MAXIMUM SCREEN DISSIPATION	2 W
<i>Published ratings and characteristics promoted from the approved RCA source.</i>	

Beam power amplifier for audio-frequency output service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

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

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Section 1 · Beam Power

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Power Output	4.5 W	ClassA;OneTube