



ELECTRONIC TUBE REFERENCE

8CW5A

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMPOWER

Beam-power heater variant electrically corresponding to 8CW5, distinguished by an 8 V, 600 mA heater; available registration data do not establish a more specific application.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	8 V / 600 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
PLATE RESISTANCE	26000 Ω
TRANSCONDUCTANCE	0.011 S
MAXIMUM PLATE VOLTAGE	275 V
MAXIMUM SCREEN VOLTAGE	220 V
MAXIMUM PLATE DISSIPATION	14 W
MAXIMUM SCREEN DISSIPATION	2.1 W
MAXIMUM CATHODE CURRENT	110 mA
<i>Electrical characteristics reference 8CW5.</i>	

The 8CW5A is a beam-power tube registration similar to 8CW5 except for heater characteristics.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1964 RMA EIA

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

1964 RMA EIA

Section 1 · Beam Power

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	8 V	—
Heater Current	600 mA	—
Heater Warm-up Time	11 s	—
Electrical Characteristics Reference	8CW5 text	SimilarExceptHeater

TUBE TINKER

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and their source documents.

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