



ELECTRONIC TUBE REFERENCE

CK5851

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMPOWER

Directly heated subminiature beam pentode designed for RF power-amplifier service, with two published filament operating arrangements.

GENERAL CHARACTERISTICS

BASE DESIGNATION	8CA	BASE PINS	8
NOMINAL HEATER	1.25 V / 110 mA	PARALLEL HEATER	1.25 V / 110 mA
HEATING	Direct	SERIES OPERATION	Capable
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
TRANSCONDUCTANCE	0.0016 S
Directly heated subminiature beam pentode for RF power-amplifier service; two filament operating arrangements are published.	

CK5851 is a BeamPower tube listed by Raytheon for RF power amplifier service. Directly heated subminiature beam pentode for RF power-amplifier service; two filament operating arrangements are published.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Raytheon Special Purpose Tubes

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

195X RAYTHEON SPECIAL PURPOSE TUBES

Section 1 · Beam Power

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	125 V	RF power amplifier
Control-grid voltage	-7.5 V	RF power amplifier
Screen voltage	125 V	RF power amplifier
Plate current	5.5 mA	RF power amplifier
Screen current	0.9 mA	RF power amplifier

TUBE TINKER

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