



ELECTRONIC TUBE REFERENCE

CK5763

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMPOWER

Raytheon beam pentode designed for RF oscillator and power-amplifier service, providing useful radio-frequency output in compact transmitting equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	9PINMIN	BASE PINS	9
NOMINAL HEATER	6 V / 750 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM SCREEN VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	12 W
Beam pentode listed in the transmitting-tube table for RF oscillator/amplifier service.	

CK5763 is a BeamPower tube listed by Raytheon for RF oscillator/amplifier service. Beam pentode listed in the transmitting-tube table for RF oscillator/amplifier service.

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
Grid 1 voltage	-125 V	RF oscillator/amplifier
Grid 3 voltage	0 V	RF oscillator/amplifier
Plate current	50 mA	RF oscillator/amplifier
Grid 1 current	5 mA	RF oscillator/amplifier
Grid 2 current	15 mA	RF oscillator/amplifier
Drive power	0.35 W	RF oscillator/amplifier
RF output power	8 W	RF oscillator/amplifier

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-to-plate capacitance	0.3 pF	—
Input capacitance	9.5 pF	—
Output capacitance	4.5 pF	—

TUBE TINKER

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and their source documents.

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