



ELECTRONIC TUBE REFERENCE

RK4D32

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMPOWER

Raytheon transmitting tube designed for radio-frequency oscillator and power-amplifier service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	Spec. 7-Pin	BASE PINS	7
NOMINAL HEATER	6.3 V / 3.75 A	PARALLEL HEATER	– / –
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
MAXIMUM PLATE VOLTAGE	750 V
MAXIMUM SCREEN VOLTAGE	350 V
MAXIMUM PLATE DISSIPATION	50 W
<i>Maximum/rated transmitting-tube table values.</i>	

Raytheon transmitting tube rated for r-f oscillator-amplifier. Published table values include electrode voltages/currents, dissipation, power, and capacitances where shown.

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	-200 V	—
Maximum plate current	300 mA	—
Maximum grid 1 current	15 mA	—
Maximum grid 2 current	35 mA	—
Drive power	1.5 W	—
Output power	135 W	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-to-plate capacitance	0.27 pF	—
Input capacitance	28 pF	—
Output capacitance	13 pF	—

TUBE TINKER

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and their source documents.

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