



ELECTRONIC TUBE REFERENCE

8248

Power - Beam (NOT sweep) (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
BEAMPOWER

Thoriated-tungsten radial-beam pulse tetrode for pulse-modulator, switch-tube, pulsed-amplifier, and pulsed-oscillator service at voltages up to approximately 50 kV.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 14 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	50000 V
MAXIMUM SCREEN VOLTAGE	2000 V
MAXIMUM PLATE DISSIPATION	250 W
MAXIMUM SCREEN DISSIPATION	25 W
MAXIMUM GRID DISSIPATION	5 W
MAXIMUM CATHODE CURRENT	5.5 A

The EIMAC 8248/4PR250C is a thoriated-tungsten radial-beam pulse tetrode for pulse-modulator, switch-tube, pulsed-amplifier and pulsed-oscillator service at voltages to 50 kV.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1962 Eimac

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

1962 EIMAC

Section 1 · Beam Power

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak Plate Current	—6 A	SwitchTube

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