



ELECTRONIC TUBE REFERENCE

4PR250C

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

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
BEAMPOWER

High-voltage pulse tetrode designed for pulse-modulator and amplifier service, combining large peak-current capability with high plate-voltage operation.

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

SECTION1 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

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

TUBE TINKER

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