



ELECTRONIC TUBE REFERENCE

8954

Power - Tetrode (NOT beam) (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
TETRODE

Bare-anode oxide-cathode power tetrode designed for switch/modulator and voltage-regulator service, combining substantial power handling with controlled switching and regulation functions.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6 V / 2.6 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tetrode	
AMPLIFICATION FACTOR	5
MAXIMUM PLATE VOLTAGE	7500 V
MAXIMUM SCREEN VOLTAGE	800 V
MAXIMUM PLATE DISSIPATION	600 W
MAXIMUM SCREEN DISSIPATION	15 W
MAXIMUM GRID DISSIPATION	4 W
MAXIMUM CATHODE CURRENT	8 A
<i>Promoted from printed general-characteristics and absolute-maximum-ratings blocks.</i>	

The EIMAC 8954 is a bare-anode oxide-cathode power tetrode for switch/modulator and voltage-regulator service.

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 · Tetrode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Amplification factor	5	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum DC plate voltage	7500 V	—
Maximum DC screen voltage	800 V	—
Maximum plate dissipation	600 W	—
Maximum screen dissipation	15 W	—
Maximum grid dissipation	4 W	—
Maximum cathode/plate current	8 A	—