

Low-mu Gammatron power triode with a 150 W tantalum plate for RF and audio power-amplifier service. Rated for approximately 4 kV plate voltage, with relatively low plate resistance optimized for substantial high-current output stages.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	5 V / 10 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	2800 Ω
AMPLIFICATION FACTOR	14
MAXIMUM PLATE VOLTAGE	4000 V
MAXIMUM PLATE DISSIPATION	150 W
MAXIMUM CATHODE CURRENT	300 mA
Published maximum ratings and characteristics promoted from the datasheet; typical application values remain parameter rows.	

Low-mu Gammatron power triode with a 150-watt tantalum plate, high-voltage capability, and radio-frequency and audio power-amplifier service. The source describes Gammatron construction using tantalum electrode structures and a thoriated-tungsten filament where applicable.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1944 Heintz and Kaufman

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

1944 HEINTZ AND KAUFMAN

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament Voltage	5 V	—
Filament Current	10 A	—
Amplification Factor	14	—
Plate Resistance	2800 ohm	—
Average Plate Impedance	2800 ohm	—
Grid-Plate Capacitance	4 pF	InterelectrodeCapacitance
Grid-Filament Capacitance	9 pF	InterelectrodeCapacitance
Plate-Filament Capacitance	0.4 pF	InterelectrodeCapacitance

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Normal Plate Dissipation	150 W	—
Maximum Plate Voltage	4000 V	—
Maximum Average Plate Current	300 mA	—
Maximum Average Grid Current	50 mA	—
RF Maximum Plate Voltage	4000 V	ClassC
Normal Plate Dissipation	150 W	—

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