



ELECTRONIC TUBE REFERENCE

GL893A

Power - Triode (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Very-high-power General Electric transmitting triode for professional RF service. Approximately 20 kW plate dissipation and 20 kV capability support major fixed transmitter operation in the lower RF range.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	10 V / 61 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.016 S
AMPLIFICATION FACTOR	36
MAXIMUM PLATE VOLTAGE	20000 V
MAXIMUM PLATE DISSIPATION	20000 W

Three-electrode water-cooled power tube for high-power RF amplification, oscillation, and Class B modulation.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

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

1968 GENERAL ELECTRIC CO

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
GridPlateCapacitance	33 pF	Approximate
Input Capacitance	48 pF	Approximate

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
MaximumRatedFrequency	5 MHz	FullRatings