



ELECTRONIC TUBE REFERENCE

GL851

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

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Large General Electric power triode for substantial RF and audio amplifier service. Approximately 600 W plate dissipation and multi-kilovolt capability support several operating classes and useful transmitter service through the lower HF range.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	11 V / 15.5 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	1800 Ω
MAXIMUM PLATE VOLTAGE	2000 V
MAXIMUM PLATE DISSIPATION	750 W
<i>Promoted fields mapped from printed ratings/characteristics headings; specialized published data retained in parameter rows.</i>	

High-power transmitting triode for audio-frequency and radio-frequency amplifier/modulator service.



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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate resistance. 1800 1500	1600 ohms	Plate resistance. 1800 1500 1600 ohms
Load resistance.. 3700 3100	5000 ohms	Load resistance.. 3700 3100 5000 ohms
Effective load resistance, plate-to-plate. 2600 4000	5600 ohms	Effective load resistance, plate-to-plate. 2600 4000 5600 ohms
The tube may be operated at higher frequencies pro- that can be used up to	15 MHz	The tube may be operated at higher frequencies pro- that can be used up to 15 mc for the various classes of

TUBE TINKER

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