



3LF4

BEAM POWER AMPLIFIER

3LF4

GENERAL DATA

Electrical:

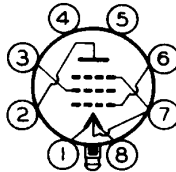
Filament, Coated:

Filament Arrangement	Series*	Parallel**	
Voltage.	2.8	1.4	.. dc volts
Current.	0.05	0.1 amp

Mechanical:

Mounting Position.	Any
Maximum Overall Length	2-25/32"
Maximum Seated Length	2-1/4"
Maximum Diameter	1-3/16"
Bulb	T-9
Base	Lock-in 8-Pin
Basing Designation for BOTTOM VIEW	6BB

- Pin 1 - Filament
- Pin 2 - Plate
- Pin 3 - Grid No.2
- Pin 4 - No Connection
- Pin 5 - No Connection



- Pin 6 - Grid No.1
- Pin 7 - Filament Mid-Tap, Grid No.3
- Pin 8 - Filament Plug - Base Shell

AF POWER AMPLIFIER - Class A₁

Maximum Ratings, Design-Center Values:

Filament Arrangement	Series*	Parallel**	
PLATE VOLTAGE.	110 max.	110 max.	volts
GRID-No.2 (SCREEN) VOLTAGE	110 max.	110 max.	volts
TOTAL CATHODE CURRENT.	6 max.	12 max.	ma

Typical Operating Conditions and Characteristics are the same as those for Type 3Q5-GT.

Curves shown under Type 1Q5-GT also apply to the 3LF4 with filaments connected in parallel.

* A resistor of 270 ohms must be used in parallel with the negative section of the filament (Pins 7 and 8) in order to insure that the value of 6.0 Ma. total cathode current for each 1.4-volt section of the filament is not exceeded. When other tubes in series filament circuits contribute to the filament current of the 3LF4, an additional shunt resistor between pins 1 and 8 will be required.

** For parallel operation, connect pins 1 and 8 to the positive of the voltage supply and pin 7 to the negative.