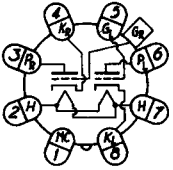
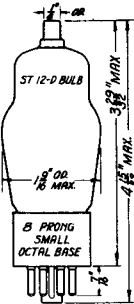


TWIN TRIODE
AMPLIFIER

Heater Type Glass Bulb



BOTTOM VIEW OF SOCKET

The 6F8G is a twin triode type amplifier tube designed for service as a voltage amplifier. The ratings and electrical characteristics of each triode unit are identical with those of the type 6J5G. The triode units are independent of each other as the elements of each triode are brought out to separate terminals.

RATINGS

Heater Voltage (a-c or d-c)	6.3	volts
Heater Current	0.6	amp
Maximum Plate Voltage	250	volts

DIRECT INTERELECTRODE CAPACITANCES

	TRIODE L (Triode R to Ground)	TRIODE R (Triode L to Ground)	
Grid to Plate	4.5	4.16	μf
Input	3.3	3.0	μf
Output	1.5	2.0	μf
Grid to Grid		0.13	μf
Plate to Plate		1.2	μf
Grid R to Plate L		0.2	μf

AMPLIFIER -CLASS A - EACH TRIODE

Plate Voltage	250	volts
Grid Bias	-8	volts
Amplification Factor	20	
Plate Resistance (approximate)	7700	ohms
Transconductance (approximate)	2600	μmhos
Plate Current	9	ma

The voltage between heater and cathode should be kept as low as possible where they are not directly connected.

