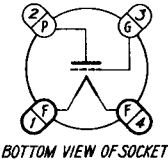
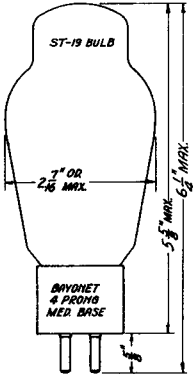


TRIODE
POWER AMPLIFIER
Filament Type Glass Bulb



BOTTOM VIEW OF SOCKET



The 50 is a triode type power amplifier tube designed for service in the output stage of radio receivers.

RATINGS

Filament Voltage (a-c or d-c)	7.5	volts
Filament Current	1.25	amp
Maximum Plate Voltage	450	volts

AMPLIFIER - CLASS A

Plate Voltage	300	350	400	450	volts
Grid Bias†	-54	-63	-70	-84	volts
Amp. Factor	3.8	3.8	3.8	3.8	
Plate Resistance	2000	1900	1800	1800	ohms
Transconductance	1900	2000	2100	2100	μmhos
Plate Current	35	45	55	55	ma
Load Resistance	4600	4100	3670	4350	ohms
Power Output	1.6	2.4	3.4	4.6	watts
(5% second harmonic)					

Self-Bias is recommended for all operating conditions.
The d-c resistance in the grid circuit should not exceed 10000 ohms.
†Grid Bias measured from mid-point of a-c operated filament.

