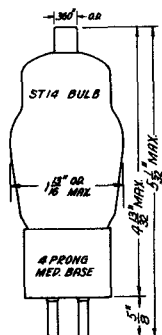
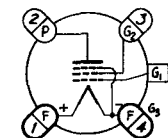


PENTODE
REMOTE CUTOFF AMPLIFIER
Filament Type Glass Bulb



The 34 is a pentode type amplifier tube with remote cutoff characteristics designed for service as a high frequency amplifier or mixer in battery operated receivers.



BOTTOM VIEW OF SOCKET

RATINGS

Filament Voltage
Filament Current
Maximum Plate Voltage
Maximum Screen Voltage

2.0 d-c volts
0.060 amp
180 volts
67.5 volts

DIRECT INTERELECTRODE CAPACITANCES

Grid to Plate
Input
Output

0.015 max. * μ f
6 μ f
11.5 μ f

AMPLIFIER - CLASS A

Plate Voltage	67.5	135	180	volts
Screen Voltage	67.5	67.5	67.5	volts
Grid Bias	-3	-3	-3	volts
Amplification Factor	224	360	620	
Plate Resistance	0.4	0.6	1	megohm
Transconductance	560	600	620	μ mhos
Plate Current	2.7	2.8	2.8	ma
Screen Current	1.1	1.0	1.0	ma
Transconductance	15	15	15	μ mhos
(At -22.5 volts bias)				

MIXER - SUPERHETERODYNE CIRCUIT

Plate Voltage	67.5	135	180	volts
Screen Voltage	67.5	135	180	volts
Grid Bias (approximate)†	-5	-5	-5	volts

†The grid bias shown is minimum for an oscillator peak voltage of 4 volts

*With tube shield.

