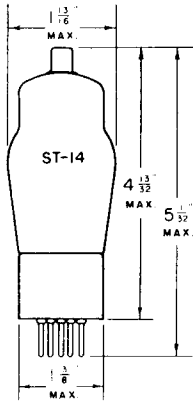


TUNG-SOL



REMOTE CUT-OFF TETRODE AMPLIFIER

UNI-POTENTIAL CATHODE

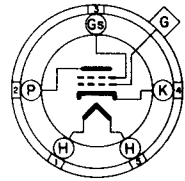
HEATER

2.5 VOLTS 1.75 AMPERES

AC OR DC

GLASS BULB

MEDIUM 5 PIN BASE



5E

BOTTOM VIEW

THE TUNG-SOL 35 IS DESIGNED FOR USE AS AN AMPLIFIER OR MIXER IN SUPERHETERODYNE RECEIVERS.

OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A AMPLIFIER

PLATE VOLTAGE	180	250	VOLTS
SCREEN VOLTAGE MAX.	90	90	VOLTS
CONTROL GRID VOLTAGE	-3	-3	VOLTS
PLATE CURRENT	6.3	6.5	MA.
SCREEN CURRENT	2.5	2.5	MA.
PLATE RESISTANCE	0.3	0.4	MEGOHM
TRANSCONDUCTANCE	1020	1050	μMHOS
AMPLIFICATION FACTOR	305	420	
CONTROL GRID VOLTAGE	-40	-40	VOLTS

FOR TRANSCONDUCTANCE = 15 μMHOS

AS MIXER IN SUPERHETERODYNE CIRCUIT

PLATE VOLTAGE	250	VOLTS
SCREEN VOLTAGE MAX.	90	VOLTS
CONTROL GRID VOLTAGE APPROX. G	-7	VOLTS

^G THIS GRID BIAS IS MINIMUM FOR AN OSCILLATOR PEAK VOLTAGE OF 6.0 VOLTS

DIRECT INTERELECTRODE CAPACITANCES

CONTROL GRID TO CATHODE	5.3	μμf
PLATE TO CATHODE	10.5	μμf
CONTROL GRID TO PLATE ^S	.007 MAX.	μμf

^S WITH SHIELD