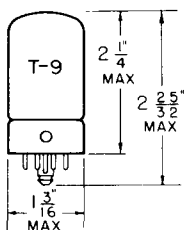


TUNG-SOL

PENTODE



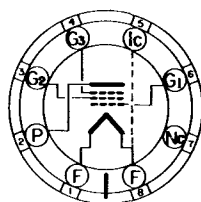
GLASS BULB

COATED FILAMENT

1.4 VOLTS 50 MA.

DC

ANY MOUNTING POSITION


 BOTTOM VIEW
 LOCK-IN
 8 PIN BASE
 7A0

THE 1LN5 IS AN RF PENTODE USING THE LOCK-IN CONSTRUCTION. IT IS DESIGNED FOR SERVICE IN LOW DRAIN BATTERY OPERATED RECEIVERS AS AN RF, IF, OR AF AMPLIFIER.

 DIRECT INTERELECTRODE CAPACITANCES
 WITH RMA SHIELD #316 CONNECTED TO NEGATIVE FILAMENT

GRID TO PLATE: (G_1 TO P) MAX	0.007	μf
INPUT: G_1 TO ($F+IS+G_2+G_3$)	3	μf
OUTPUT: P TO ($F+IS+G_2+G_3$)	8	μf

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD M8-210

HEATER VOLTAGE	1.4	VOLTS
MAXIMUM PLATE VOLTAGE	110	VOLTS
MAXIMUM GRID #2 VOLTAGE	110	VOLTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

HEATER VOLTAGE	1.4	VOLTS
HEATER CURRENT	50	MA.
PLATE VOLTAGE	90	VOLTS
GRID #3 VOLTAGE	90	VOLTS
GRID #2 VOLTAGE	90	VOLTS
GRID #1 VOLTAGE ^A	0	VOLTS
PLATE RESISTANCE (APPROX.)	1.1	MEGOHMS
TRANSCONDUCTANCE	800	μMHOS
PLATE CURRENT	1.6	MA.
GRID #2 CURRENT	0.35	MA.
GRID #1 VOLTAGE FOR $G_m = 40 \mu\text{MHOS}$	-4.5	VOLTS

PIN #4 CONNECTED TO PIN #8 AT SOCKET

^A GRID RETURN TO NEGATIVE END OF FILAMENT.

→ INDICATES A CHANGE OR ADDITION

