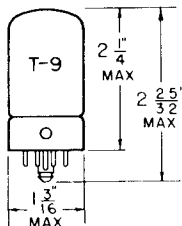


TUNG-SOL

TRIODE



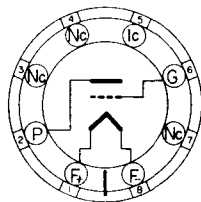
GLASS BULB

COATED FILAMENT

1.4 VOLTS 50 MA.

AC OR DC

ANY MOUNTING POSITION



BOTTOM VIEW

LOCK-IN 8 PIN BASE

4AA

THE 1LE3 IS A LOW VOLTAGE, LOW CURRENT DRAIN, BATTERY TYPE TRIODE. IT IS DESIGNED FOR SERVICE AS AN OSCILLATOR, DETECTOR OR AMPLIFIER IN RECEIVERS USING 90 VOLTS "B" BATTERY AND A SINGLE DRY CELL "A" BATTERY.

DIRECT INTERELECTRODE CAPACITANCES

WITH EXTERNAL SHIELD: #208 CONNECTED TO PIN #8

GRID TO PLATE: (G TO P)

1.7 μf

INPUT: (G TO F)

1.7 μf

OUTPUT: (P TO F)

3 μf

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD MG-210

FILAMENT VOLTAGE

1.4

VOLTS

MAXIMUM PLATE VOLTAGE

110

VOLTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A₁ AMPLIFIER

FILAMENT VOLTAGE	1.4	1.4	VOLTS
FILAMENT CURRENT	50	50	MA.
PLATE VOLTAGE	90	90	VOLTS
GRID VOLTAGE ^A	0	-3	VOLTS
PLATE CURRENT	4.5	1.7	MA.
PLATE RESISTANCE	11 200	16 500	OHMS
TRANSCONDUCTANCE	1 300	850	μMHOS
AMPLIFICATION FACTOR	14.5	14	

^A NEGATIVE FILAMENT RETURN TO PIN #8

PLATE
2147

MAR. 1,
1949

