TUNG-SOL

TRIODE

COATED FILAMENT
1.4 VOLTS 50 MA.
AC OR DC
ANY MOUNTING POSITION

GLASS BULB

BOTTOM VIEW
LOCK-IN 8 PIN BASE

THE ILE3 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 INTERNAL SHIELD #50 CONNECTED TO PIN #8

GRID TO PLATE: (6 TO P) 1.7 µµf
INPUT: (S TO F) 1.7 µµf
OUTPUT: (P TO F) 3 µµf

RATINGS
INTERELECTRODE ACCORDING TO ANSI STANDARD MB-210

FILAMENT VOLTAGE 1.4 VOLTS
MAXIMUM PLATE VOLTAGE 110 VOLTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

GLASS #8 AMPLIFIER

| FILAMENT VOLTAGE | 1.4 | 1.4 |
| FILAMENT CURRENT | 50  | 50  |
| PLATE VOLTAGE    | 90  | 90  |
| GRID VOLTAGE     | 0   | -3  |
| PLATE CURRENT    | 4.5 | 1.7 |
| PLATE RESISTANCE | 11 200 | 26 500 |
| TRANSCONDUCTANCE | 1 500 | 850 |
| AMPLIFICATION FACTOR | 14.5 | 14 |

A RELATIVE FILAMENT RETURN TO PIN #8

PLATE
2147
MAR. 1,
1949

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