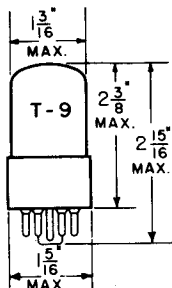
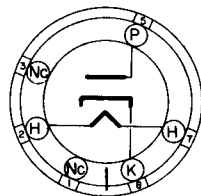


## TUNG-SOL

## HALF-WAVE RECTIFIER



COATED UNIPOTENTIAL CATHODE

117 VOLTS .040 AMPERE  
AC OR DC

ANY MOUNTING POSITION

## GLASS BULB

## BOTTOM VIEW

INTERMEDIATE SHELL  
6-PIN OCTAL

THE 117Z4GT IS A HALF-WAVE RECTIFIER DESIGNED FOR SERVICE IN THREE-WAY PORTABLE RECEIVERS.

## RATINGS

INTERPRETED ACCORDING TO RMA STANDARD M8-210

|                                      |      |       |
|--------------------------------------|------|-------|
| HEATER VOLTAGE (AC OR DC)            | 117  | VOLTS |
| HEATER CURRENT                       | .040 | AMP.  |
| MAX. AC PLATE VOLTAGE                | 117  | VOLTS |
| MAX. DC HEATER CATHODE POTENTIAL     | 175  | VOLTS |
| MAX. PEAK INVERSE PLATE VOLTAGE      | 350  | VOLTS |
| MAX. STEADY STATE PEAK PLATE CURRENT | 540  | MA.   |
| TUBE VOLTAGE DROP FOR 180 MA. DC     | 22.5 | VOLTS |

## TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

WITH CONDENSER-INPUT FILTER

## HALF-WAVE RECTIFIER

|                                                          |     |       |
|----------------------------------------------------------|-----|-------|
| AC PLATE VOLTAGE (RMS)                                   | 117 | VOLTS |
| DC OUTPUT CURRENT                                        | 90  | MA.   |
| MIN. TOTAL EFFECTIVE PLATE SUPPLY IMPEDANCE <sup>A</sup> | 30  | OHMS  |

<sup>A</sup> WHEN FILTER CONDENSERS LARGER THAN 40  $\mu$ F ARE USED, IT MAY BE NECESSARY TO USE ADDITIONAL PLATE SUPPLY IMPEDANCE.