THE TUNG-SOL 1P5G AND 1P5GT ARE LOW VOLTAGE, LOW CURRENT DRAIN BATTERY TYPE RF PENTODES. WITH THE EXCEPTION OF CAPACITANCES, THEIR ELECTRICAL CHARACTERISTICS ARE IDENTICAL.

RATINGS

MAXIMUM FILAMENT VOLTAGE
DRY BATTERY OPERATION — VOLTAGE MUST NEVER EXCEED 1.6 VOLS
AC/DC POWER LINE OPERATION — DESIGN CENTER 1.3 VOLS
MAXIMUM PLATE VOLTAGE 110 VOLS
MAXIMUM SCREEN VOLTAGE 110 VOLS

DIRECT INTERELECTRODE CAPACITANCES
CONTROL GRID TO FILAMENT 1P5G — 2.2 μf 1P5GT — 3 μf
PLATE TO FILAMENT 10 μf
CONTROL GRID TO PLATE .007 μf

5 WITH EXTERNAL SHIELD CONNECTED TO NEGATIVE FILAMENT (PIN #7).

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS
CLASS A1 AMPLIFIER

PLATE VOLTAGE 90 VOLS
SCREEN VOLTAGE 90 VOLS
CONTROL GRID VOLTAGE RETURN TO NEGATIVE FILAMENT
PLATE CURRENT 2.3 MA
SCREEN CURRENT 0.7 MA
PLATE RESISTANCE APPROX. 0.8 MEGOHM
TRANSCONDUCTANCE 750 μMhos
CONTROL GRID VOLTAGE FOR TRANSCONDUCTANCE OF 10 Mhos

FOR "INTERPRETATION OF RATINGS" REFER TO FRONT OF BOOK.