THE TUNG-SOL 6R7, 6R7G AND 6R7GT COMBINE TWO DIODES AND A TRIODE IN A SINGLE ENVELOPE, USING A COMMON CATHODE. THEY ARE DESIGNED FOR SERVICE AS DIODE DETECTORS, AVC RECTIFIERS, AND AC AUDIO AMPLIFIERS IN AC, STORAGE BATTERY, AND AC-DC OPERATED RECEIVERS.

RATINGS

MAXIMUM PLATE VOLTAGE 250 VOLTS
MAXIMUM PLATE DISSIPATION 2.5 WATTS
MINIMUM DIODE CURRENT WITH 10 VOLTS DC APPLIED PER PLATE 0.8 MA.

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A1 AMPLIFIER

PLATE VOLTAGE 250 VOLTS
CONTROL GRID VOLTAGE 9 VOLTS
PLATE CURRENT 9.5 MA.
PLATE RESISTANCE 8500 OHMS
TRANSCONDUCTANCE 1900 MMH
AMPLIFICATION FACTOR \(16\)

\(A\) THE DC RESISTANCE IN THE GRID CIRCUIT UNDER MAXIMUM RATED CONDITIONS SHOULD NOT EXCEED 3.0 WEGOHM.