TUNG-SOL

DUO-DIODE

TRIODE AMPLIFIER

51\frac{1}{8}\text{ MAX}

6.3 VOLS \& 0.3 AMPERF

AC OR DC

METAL SHELL

T-9

GLASS BULB

SMALL WAFFER 8 PIN OCTAL BASE

INTERMEDIATE 8 PIN OCTAL BASE

THE TUNG-SOL 6SR7 AND 6SR7GT 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 AS 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 A\text{I} AMPLIFIER

PLATE VOLTAGE 250 VOLTS

CONTROL GRID VOLTAGE -9 VOLTS

PLATE CURRENT 9.5 MA.

PLATE RESISTANCE 8500 OHMS

TRANSCONDUCTANCE 1900 \mu\text{AMHOS}

AMPLIFICATION FACTOR 16

\text{A SHOULD NOT DEVIATE MORE THAN } \pm 10\% \text{ FROM RATED VALUE.}

SEE OTHER SIDE OF PAGE FOR CURVES
6SR7, 6SR7GT

6SR7, 6SR7GT

$E_f = 6.3\, V.$

$E_b = 250\, V.$