TUNG-SOL

TWIN TRIODE POWER AMPLIFIER

UNIPOTENTIAL CATHODE

HEATER
2.5 VOLTS 2.0 AMPERES
AC OR DC


RATINGS

MAXIMUM PLATE VOLTAGE 300 VOLTS
MAXIMUM PEAK PLATE CURRENT PER PLATE 125 MA.
MAXIMUM AVERAGE DISSIPATION PER PLATE 5.5 WATTS

OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A1 AMPLIFIER
TRIODES CONNECTED IN PARALLEL

PLATE VOLTAGE 250 294 VOLTS
GRID VOLTAGE -5 -6 VOLTS
PLATE CURRENT 6 7 MA.
PLATE RESISTANCE 11300 11000 OHMS
TRANSCONDUCTANCE 3100 3200 μMHO
AMPLIFICATION FACTOR 35 35

CLASS B2 AMPLIFIER - PUSH-PULL

UNLESS STATED OTHERWISE, VALUES ARE FOR TWO TUBES

ZERO-SIGNAL PLATE VOLTAGE 300 300 VOLTS
DC GRID VOLTAGE 0 0 VOLT
AF-PeAK SIGNAL VOLTAGE PER GRID A 29 41 VOLTS
MAXIMUM PEAK-SIGNAL GRID CURRENT PER GRID 20 22 MA.
ZERO-SIGNAL PLATE CURRENT PER PLATE 17.5 17.5 MA.
MAXIMUM-SIGNAL DC PLATE CURRENT PER PLATE 35 35 MA.
GRID IMPEDANCE AT 400 CYCLES 0 516 B OHMS
PLATE SUPPLY IMPEDANCE 0 1000 OHMS
EFFECTIVE LOAD RESISTANCE PLATE-TO-PLATE 8000 8000 OHMS
TOTAL HARMONIC DISTORTION 4 8 PER CENT
THIRD HARMONIC 3.5 7.5 PER CENT
FIFTH HARMONIC 1.5 2.5 PER CENT
POWER OUTPUT 10 10 WATTS

A FOR POWER OUTPUT SHOWN
B 500 OHMS AND 50 MH.

FOR "INTERPRETATION OF RATINGS" REFER TO FRONT OF BOOK

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