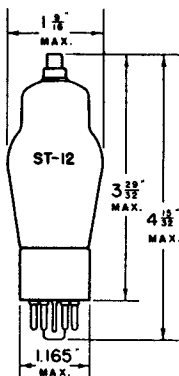


TUNG-SOL

DUO-DIODE

HIGH- μ TRIODE AMPLIFIER

UNIPOTENTIAL CATHODE

HEATER

6.3 VOLTS 0.15 AMPERE

AC OR DC

GLASS BULB

SMALL 7 PIN OCTAL BASE



THE TUNG-SOL 6T7G COMBINES TWO DIODES AND A TRIODE IN A SINGLE BULB, USING A COMMON CATHODE. IT IS QUITE SIMILAR TO THE 6Q7G AND IS DESIGNED FOR THE SAME TYPE OF SERVICE.

OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A₁ AMPLIFIER - TRIODE SECTION

PLATE VOLTAGE	135	250	VOLTS
GRID VOLTAGE	-1.5	-3	VOLTS
PLATE CURRENT	0.9	1.2	MA.
PLATE RESISTANCE	65 000	62 000	OHMS
TRANSCONDUCTANCE	1000	1050	μ MHOS
AMPLIFICATION FACTOR	65	65	

DIRECT INTERELECTRODE CAPACITANCES

GRID TO CATHODE	1.2	μ f
PLATE TO CATHODE	3.7	μ f
GRID TO PLATE	2.0	μ f

6T7B

 $E_f = 6.3 \text{ V.}$ 