

TUNG-SOL

TRIODE AMPLIFIER

PHYSICAL SPECIFICATIONS

EMITTER UNIPOTENTIAL CATHODE		PIN CONNECTIONS			
BASE	LOCKING-IN 6 PIN	PIN 1	HEATER	PIN 7	CATHODE
CAP	NONE	PIN 2	PLATE	PIN 8	HEATER
BULB	T-9	PIN 3	NO CONN.		
MAXIMUM DIAMETER	1 3/16"	PIN 4	NO CONN.		
MAXIMUM OVERALL LENGTH	2 25/32"	PIN 5	NO CONN.	TOP CAP	NONE
MAXIMUM SEATED HEIGHT	2 1/4"	PIN 6	GRID		

RATINGS

HEATER OR FILAMENT VOLTAGE (NOMINAL)	7	VOLTS
HEATER OR FILAMENT CURRENT (NOMINAL)	0.32	AMP.
MAXIMUM PLATE VOLTAGE		VOLTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A₁ AMPLIFIER

HEATER VOLTAGE	6.3	6.3	VOLTS
HEATER CURRENT	0.3	0.3	AMPERE
PLATE VOLTAGE	100	250	VOLTS
CONTROL GRID VOLTAGE	0	-8	VOLTS
PLATE CURRENT	10.0	8.0	MA.
PLATE RESISTANCE	7000	8700	OHMS
TRANSCONDUCTANCE	3600	2300	μMHOS
AMPLIFICATION FACTOR	25	20	

DIRECT INTERELECTRODE CAPACITANCES⁵

CONTROL GRID TO CATHODE	3.4	μf
PLATE TO CATHODE	2.6	μf
GRID TO PLATE	2.0	μf

⁵ WITH BASE SHELL GROUNDED.