TUNG-SOL

TRIPLE GRID REMOTE CUT-OFF AMPLIFIER

PHYSICAL SPECIFICATIONS

EMITTER	UNIPOTENTIAL CATHODE	PIN CONNECTIONS			
BASE	LOCKING-IN 8 PIN	PIN 1	HEATER	PIN 7	CATHODE
CAP	NONE	PIN 2	PLATE	PIN 8	HEATER
BULB	T-9	PIN 3	GRID 2		
MAXIMUM DIAMETER	1 3/16"	PIN 4	GRID 3		
MAXIMUM OVERALL LENGTH	2 25/32"	PIN 5	INT. SHIELD	TOP CAP	NONE
MAXIMUM SEATED HEIGHT	2 1/4"	PIN 6	GRID 1		

RATINGS

HEATER OR FILAMENT VOLTAGE (AC OR DC)	12.6	VOLTS
HEATER OR FILAMENT CURRENT	0.15	AMPS.
MAXIMUM PLATE VOLTAGE	250	VOLTS
MAXIMUM SCREEN VOLTAGE	100	VOLTS
MAXIMUM PLATE DISSIPATION		WATTS
MAXIMUM SCREEN DISSIPATION		WATTS

CAPACITANCES [4]

CONTROL GRID TO CATHODE	5.5		μμf
PLATE TO CATHODE	7.0		μμf
GRID TO PLATE	0.005	MAX.	μμf

[4] WITH EXTERNAL SHIELD CONNECTED TO CATHODE

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A_1 AMPLIFIER

HEATER OR FILAMENT VOLTAGE	12.6	12.6	VOLTS
HEATER OR FILAMENT CURRENT	0.15	0.15	AMPS.
PLATE VOLTAGE	100	250	VOLTS
SCREEN VOLTAGE (GRID 2)	100	100	VOLTS
CONTROL GRID VOLTAGE (GRID 1)	-3	-3	VOLTS
PEAK AF SIGNAL VOLTAGE			VOLTS
ZERO-SIGNAL PLATE CURRENT	8.9	9.2	MA.
ZERO-SIGNAL SCREEN CURRENT	2.6	2.4	MA.
MAXIMUM-SIGNAL PLATE CURRENT			MA.
MAXIMUM-SIGNAL SCREEN CURRENT			MA.
PLATE RESISTANCE (APPROX.)	0.25	0.8	MEGOHMS
TRANSCONDUCTANCE	1900	2000	μMHOS
AMPLIFICATION FACTOR			
LOAD RESISTANCE			OHMS
TOTAL HARMONIC DISTORTION			PER CENT
POWER OUTPUT			WATTS
CONTROL GRID VOLTAGE FOR TRANSCONDUCTANCE 10 μMHOS (APPROX.)		-35	VOLTS
SUPRESSOR GRID VOLTAGE	0	0	VOLTS

PLATE 1329-2
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