TUNG-SOL

REMOTE CUT-OFF RF PENTODE

PHYSICAL SPECIFICATIONS

EMITTER COATED FILAMENT	PIN CONNECTIONS	
BASE LOCK-IN 8 PIN	PIN 1 FILAMENT +	PIN 7 FILAMENT-, G3
CAP ---	PIN 2 PLATE	PIN 8 FILAMENT-, G3
BULB SHORT T-9	PIN 3 GRID 2	
MAXIMUM DIAMETER 1 3/16"	PIN 4 Nc	MOUNTING POS. ANY
MAXIMUM OVERALL LENGTH 2 1/32"	PIN 5 Nc	
MAXIMUM SEATED HEIGHT 1 1/2"	PIN 6 GRID 1	

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD M8-210

HEATER OR FILAMENT VOLTAGE (DC)	1.2	VOLTS
HEATER OR FILAMENT CURRENT	0.130	AMP.
MAXIMUM PLATE VOLTAGE	150	VOLTS
MAXIMUM SCREEN VOLTAGE	150	VOLTS
MAXIMUM PLATE DISSIPATION	1.0	WATT
MAXIMUM SCREEN DISSIPATION	0.3	WATT
MINIMUM EXTERNAL CONTROL GRID BIAS VOLTAGE	0	VOLTS
MAXIMUM SCREEN SUPPLY VOLTAGE	150	VOLTS

CAPACITANCES

RMA SHIELD M8-308 CONNECTED TO NEGATIVE FILAMENT

INPUT	2.80	μμf
OUTPUT	4.2	μμf
CONTROL GRID TO PLATE (MAX.)	0.25	μμf

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

HEATER OR FILAMENT VOLTAGE (DC)	1.2	1.2	VOLTS
HEATER OR FILAMENT CURRENT	0.130	0.130	AMP.
PLATE VOLTAGE	90	150	VOLTS
SCREEN VOLTAGE	90	150	VOLTS
CONTROL GRID VOLTAGE	0	-1.5	VOLTS
CONTROL GRID RESISTANCE (MIN.)	1	--	MEGOHM
PLATE CURRENT	3.5	6.8	MA.
SCREEN CURRENT	0.8	2.0	MA.
MAXIMUM-SIGNAL PLATE CURRENT			MA.
MAXIMUM-SIGNAL SCREEN CURRENT			MA.
PLATE RESISTANCE	0.275	0.125	MEGOHM
TRANSCONDUCTANCE	1100	1350	μMHOS
AMPLIFICATION FACTOR			
LOAD RESISTANCE			OHMS
TOTAL HARMONIC DISTORTION			PER CENT
POWER OUTPUT			WATTS
CONTROL GRID VOLTAGE FOR TRANSCONDUCTANCE = 10 μMHOS	14	23	VOLTS
CONTROL GRID VOLTAGE FOR TRANSCONDUCTANCE = 725 μMHOS	3	6	VOLTS

PRINTED IN U. S. A.

PLATE 1716
JUNE 17 1946