

TWIN-DIODE HIGH VACUUM RECTIFIER

VOLTAGE DOUBLER

UNI-POTENTIAL CATHODES

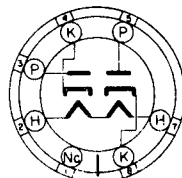
HEATER

35 VOLTS 0.3 AMPERE

AC OR DC

GLASS BULB

MEDIUM 7 PIN OCTAL BASE



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THE TUNG-SOL 35Z6G IS DESIGNED PRIMARILY FOR HEAVY DUTY SERVICE AS A POWER RECTIFIER IN AC-DC CIRCUITS. TWO SEPARATE RECTIFIER SECTIONS PERMIT USING THE TUBE AS A VOLTAGE DOUBLER, FULL WAVE RECTIFIER OR HALF WAVE RECTIFIER. FOR HALF WAVE OPERATION THE TWO SECTIONS MAY BE USED SEPARATELY, OR IN PARALLEL TO INCREASE THE OUTPUT CURRENT AND REDUCE TUBE DROP.

RATINGS

MAXIMUM AC PLATE VOLTAGE (RMS)	235	VOLTS
MAXIMUM DC HEATER TO CATHODE POTENTIAL	350	VOLTS
MAXIMUM PEAK INVERSE VOLTAGE	700	VOLTS
MAXIMUM STEADY-STATE PEAK PLATE CURRENT PER PLATE	660	MA.
TUBE VOLTAGE DROP AT 220 MA. DC PER PLATE	20	VOLTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

VOLTAGE DOUBLER

	HALF WAVE	FULL WAVE	
AC PLATE VOLTAGE PER PLATE (RMS)	117	117	VOLTS
DC OUTPUT CURRENT ^{MAX.}	110	110	MA.
MINIMUM EFFECTIVE PLATE SUPPLY IMPEDANCE ^{PER PLATE}	30	15	OHMS

HALF WAVE RECTIFIER

CONDENSER INPUT TO FILTER

AC PLATE VOLTAGE PER PLATE (RMS)	117	150	235	VOLTS
DC OUTPUT CURRENT PER PLATE ^{MAX.}	110	110	110	MA.
MINIMUM EFFECTIVE PLATE SUPPLY IMPEDANCE ^{PER PLATE}	15	40	100	OHMS

FOR "INTERPRETATION OF RATINGS" REFER TO FRONT OF BOOK.