TUNG-SOL

GAS RECTIFIER

PHYSICAL SPECIFICATIONS

EMITTER IONICALLY HEATED	PIN CONNECTIONS		
BASE OCTAL 5-PIN DWARF	PIN 1	NO CONNECTION	PIN 7 FILAMENT
CAP ---	PIN 2	NONE	PIN 8 FILAMENT
BULB T-7	PIN 3	STARTER ANODE	
MAX. DIAMETER 1 5/64"	PIN 4	NONE	MOUNTING POS. ANY
MAX. SEATED HEIGHT 2 1/16"	PIN 5	PLATE	
MAX. OVERALL LENGTH 2 5/8"	PIN 6	NONE	

THE OY4G IS A HALF-WAVE GAS RECTIFIER WITH A STARTER ANODE WHICH MAKES IT POSSIBLE TO OPERATE DIRECTLY FROM A 117-VOLT AC OR DC LINE.

RATINGS AND CHARACTERISTICS

HALF-WAVE RECTIFIER WITH CONDENSER INPUT TO FILTER

PINS 7 AND 8 MUST BE CONNECTED TOGETHER[A]

MAXIMUM INVERSE PEAK VOLTAGE	300	VOLTS
MAXIMUM PEAK CURRENT	500	MA.
MAXIMUM DC OUTPUT CURRENT	75	MA.
MINIMUM DC OUTPUT CURRENT	40	MA.
MINIMUM SERIES ANODE RESISTANCE (117-VOLT LINE OPERATION)	50	OHMS
APPROXIMATE TUBE DROP	12	VOLTS
MAXIMUM DC STARTING VOLTAGE[B]	95	VOLTS

[A] RAPID INTERMITTENT OPERATION IS UNDESIRABLE.

[B] WITH STARTER ANODE CONNECTED TO THE ANODE THROUGH A 10 MEGOHM RESISTOR BY-PASSED WITH A 0.002 μF CONDENSER.

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