

TUNG-SOL**DOUBLE DIODE****MINIATURE TYPE**

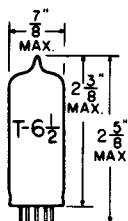
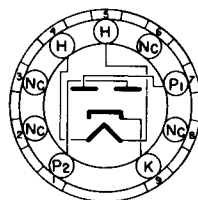
COATED UNIPOTENTIAL CATHODE

HEATER

12.6 VOLTS 450 MA.

AC OR DC

ANY MOUNTING POSITION

**GLASS BULB**
BOTTOM VIEW
 MINIATURE BUTTON
 9 PIN BASE
 90J

THE 12BW4 IS A MINIATURE CATHODE TYPE FULL WAVE RECTIFIER FEATURING RELATIVELY HIGH OUTPUT CURRENT CAPABILITIES. EXCEPT FOR HEATER RATINGS IT IS IDENTICAL TO THE 6BW4.

RATINGS

INTERPRETED ACCORDING TO DESIGN CENTER SYSTEM

RECTIFIER SERVICE

HEATER VOLTAGE	12.6	VOLTS
MAXIMUM PEAK INVERSE PLATE VOLTAGE	1275	VOLTS
MAXIMUM AC PLATE SUPPLY VOLTAGE EACH PLATE (RMS) (SEE RATING CHART #1)	450	VOLTS
MAXIMUM DC OUTPUT CURRENT SEE RATING CHART #1		
MAXIMUM STEADY STATE PEAK PLATE CURRENT EACH PLATE (SEE RATING CHART #2)	350	MA.
MAXIMUM TRANSIENT PEAK PLATE CURRENT EACH PLATE (SEE RATING CHART #3)	2.0	AMP.
MAXIMUM HEATER CATHODE VOLTAGE: HEATER NEGATIVE, DC	450	VOLTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS**FULL WAVE RECTIFIER**

	CAPACITOR INPUT FILTER	CHOKES INPUT FILTER	
HEATER VOLTAGE	12.6	12.6	VOLTS
HEATER CURRENT	450	450	MA.
AC PLATE SUPPLY VOLTAGE EACH PLATE (RMS) ^A	325	450	VOLTS
FILTER INPUT CAPACITOR	40	—	μf
FILTER INPUT CHOKES	—	10	HENRYS
EFFECTIVE PLATE SUPPLY RESISTANCE EACH PLATE	82	—	OHMS
DC OUTPUT CURRENT	100	100	MA.
DC OUTPUT VOLTAGE AT FILTER INPUT	330	360	VOLTS
TUBE VOLTAGE DROP TUBE CONDUCTING: 100 MA. EACH PLATE	40	40	VOLTS

^A AC PLATE VOLTAGE IS MEASURED WITHOUT LOAD.

12BW4 (6BW4)

