

TUNG-SOL

DOUBLE DIODE

MINIATURE TYPE

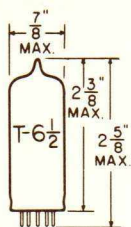
COATED UNIPOTENTIAL CATHODE

HEATER

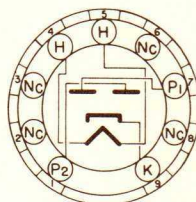
12.6 VOLTS 450 MA.

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 #2)	350	MA.
MAXIMUM STEADY STATE PEAK PLATE CURRENT EACH PLATE (SEE RATING CHART #3)	2.0	AMP.
MAXIMUM TRANSIENT PEAK PLATE CURRENT EACH PLATE (SEE RATING CHART #3)	450	VOLTS
MAXIMUM HEATER CATHODE VOLTAGE: HEATER NEGATIVE, DC		

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

FULL WAVE RECTIFIER

	CAPACITOR INPUT FILTER	CHOKE 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	---	μ f
FILTER INPUT CHOKE	---	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)

