

TUNG-SOL**DOUBLE DIODE**

MINIATURE TYPE

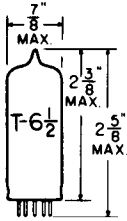
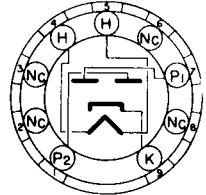
COATED UNIPOTENTIAL CATHODE

HEATER

6.3 VOLTS 900 MA.

AC OR DC

ANY MOUNTING POSITION

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

90J

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

RATINGS

INTERPRETED ACCORDING TO DESIGN CENTER SYSTEM

RECTIFIER SERVICE

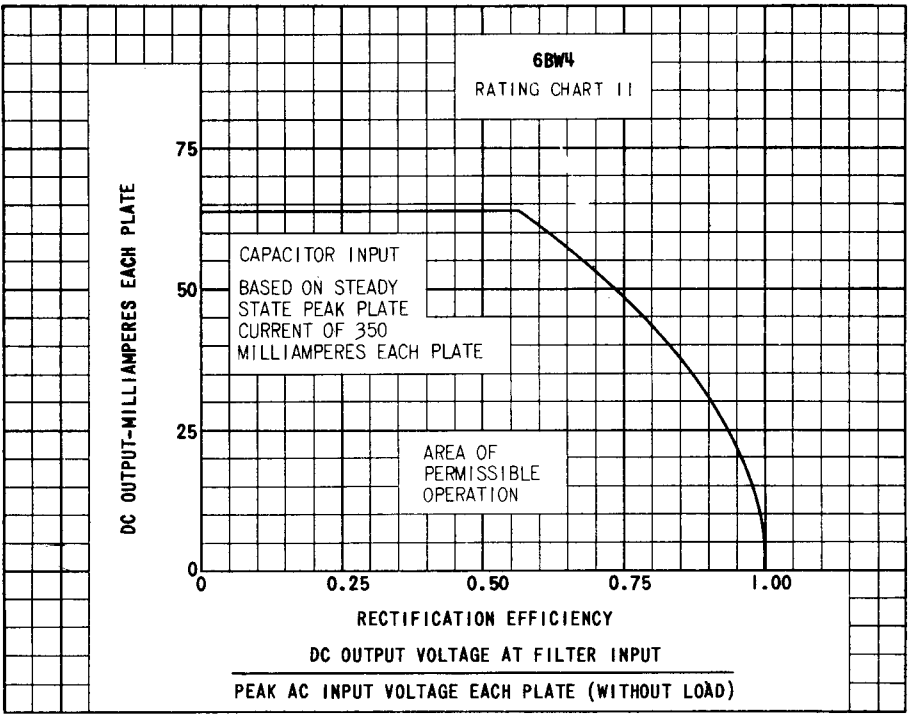
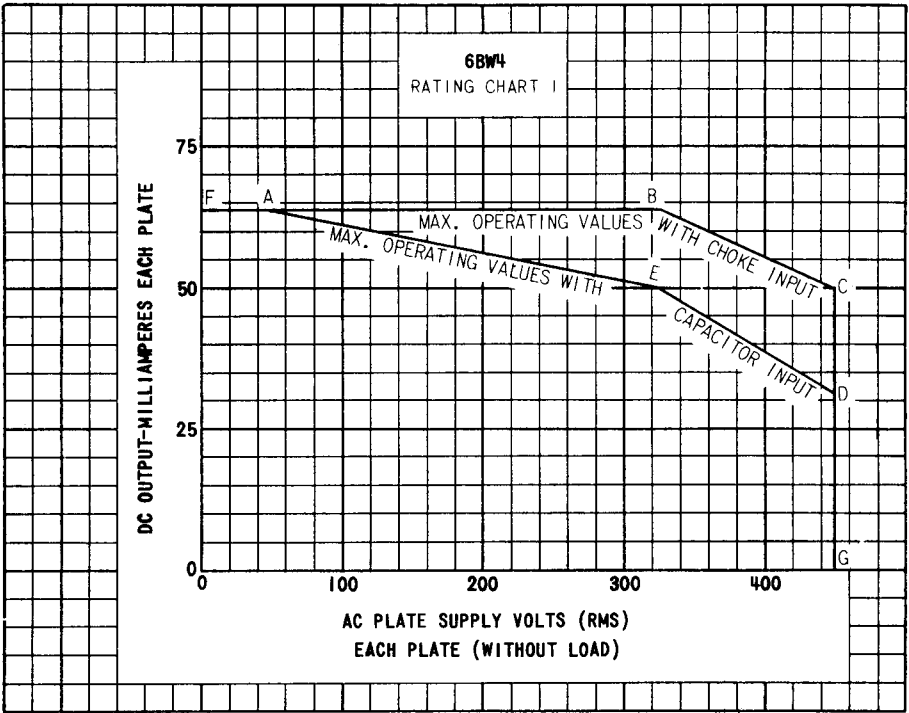
| | | |
|---|---------------------|-------|
| HEATER VOLTAGE. | 6.3 | VOLTS |
| MAXIMUM PEAK INVERSE PLATE VOLTAGE | 1275 | VOLTS |
| MAXIMUM AC PLATE SUPPLY VOLTAGE EACH PLATE (RMS) (SEE RATING CHART #1) | 450 | VOLTS |
| MAXIMUM DC OUTPUT CURRENT | SEE RATING CHART #1 | |
| MAXIMUM STEADY STATE PEAK 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 |

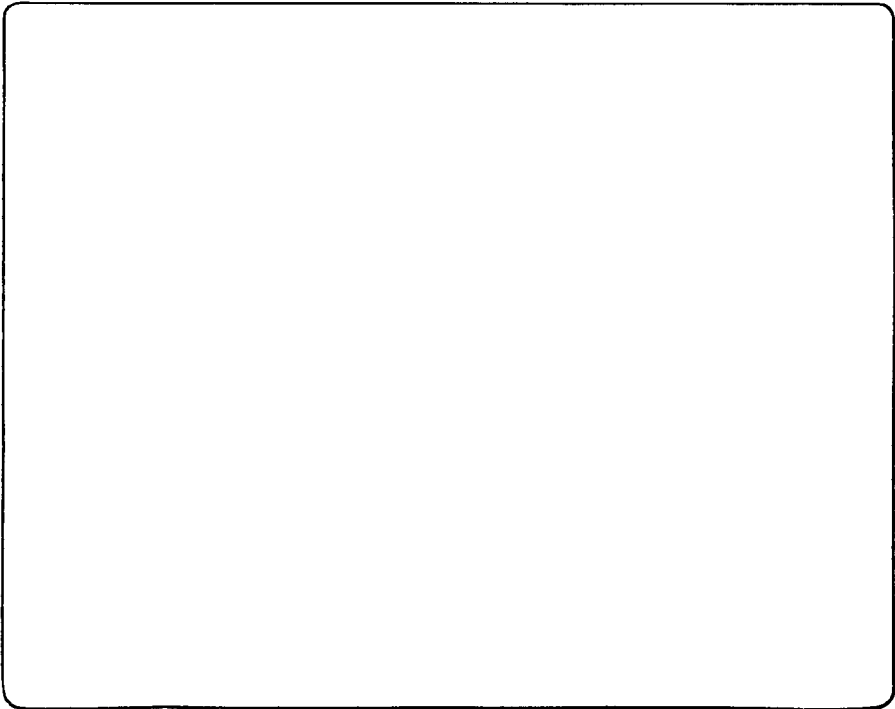
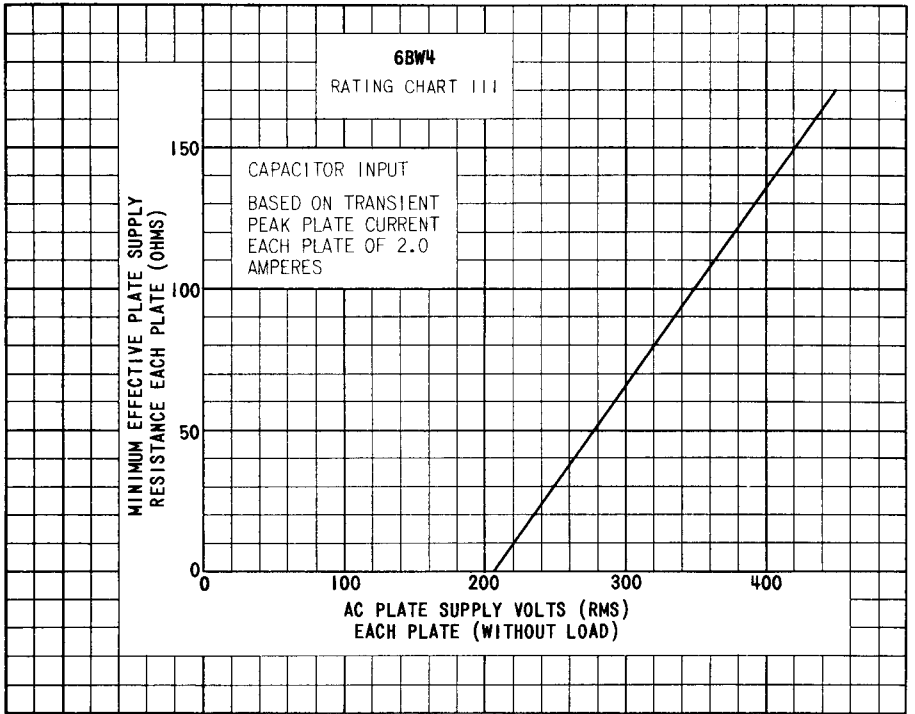
TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS**FULL WAVE RECTIFIER**

| | CAPACITOR INPUT FILTER | CHOKE INPUT FILTER | |
|---|---------------------------------------|-----------------------------------|---------|
| HEATER VOLTAGE | 6.3 | 6.3 | VOLTS |
| HEATER CURRENT | 900 | 900 | 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.

6BW4 (12BW4)





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