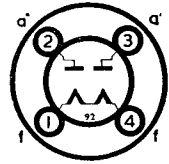


Industrial Type

TYPE 83
(U.X. BASE)
FULL-WAVE RECTIFIER
(MERCURY VAPOUR)



RATINGS

| | | | | | | | |
|-------------------------------|-----|-----|-----|-----|-----|-----|------------------|
| Filament Voltage | ... | ... | ... | ... | ... | ... | 5.0 volts |
| Filament Current | ... | ... | ... | ... | ... | ... | 3.0 amp. |
| Peak Inverse Voltage | ... | ... | ... | ... | ... | ... | 1,550 volts max. |
| Peak Current per Anode | ... | ... | ... | ... | ... | ... | 1.0 amp. max. |
| Condensed Mercury Temperature | ... | ... | ... | ... | ... | ... | 20-60 °C. |

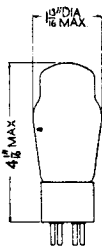
OPERATION AS FULL-WAVE RECTIFIER

CONDENSER INPUT

| | | | | | | |
|----------------------------|-----|-----|-----|-----|-----|----------------|
| R.M.S. Input per Anode | ... | ... | ... | ... | ... | 450 volts max. |
| Supply Impedance per Anode | ... | ... | ... | ... | ... | 50 ohms min. |
| Rectified Current | ... | ... | ... | ... | ... | 225 mA max. |

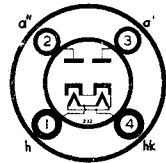
CHOKE INPUT

| | | | | | | |
|------------------------|-----|-----|-----|-----|-----|----------------|
| R.M.S. Input per Anode | ... | ... | ... | ... | ... | 550 volts max. |
| Input Choke Inductance | ... | ... | ... | ... | ... | 3 Henries min. |
| Rectified Current | ... | ... | ... | ... | ... | 225 mA max. |



Replacement Type

TYPE 83V
(U.X. BASE)
FULL-WAVE
RECTIFIER



CHARACTERISTICS

| | | | | | | | |
|----------------|-----|-----|-----|-----|-----|-----|-----------|
| Heater Voltage | ... | ... | ... | ... | ... | ... | 5.0 volts |
| Heater Current | ... | ... | ... | ... | ... | ... | 2.0 amp. |

For further information and characteristic curves refer to type 5V4G.