



GL7620A Specification

Anode Parameter

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|--------------------------------|------------------------|
| Peak forward anode voltage: | 20kV |
| Peak inverse anode voltage: | 20 kV |
| Peak anode current: | 500A |
| Average anode current: | 0.5A |
| Rate of rise of anode current: | 2000A/ μ s |
| Plate breakdown factor: | 10×10^9 VApps |
| Maximum pulse power: | 5MW |

Grid drive

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|------------------------------------|---------------------------|
| Unloaded grid drive pulse voltage: | 200V~500V |
| Grid pulse duration: | 2 μ s |
| Rate of rise of grid pulse: | 1kV/ μ s (min) |
| Peak inverse grid voltage: | 200V(max) |
| Forward impedance of grid circuit: | 50 Ω ~500 Ω |

Heater

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|---------------------------|-------------------|
| Cathode heater voltage: | 6.3V \pm 8%V ac |
| Cathode heater current: | 5.5A~9.5A |
| Reservoir heater voltage: | 6.3V \pm 8%V ac |
| Reservoir heater current: | 0.5A~1.5A |
| Minimum heater time: | 5min |

Mechanical

| | |
|--------------------|-------------|
| Mounting position: | Any |
| Dimension: | See outline |
| Cooling way: | Forced-air |

Cross reference

| | |
|---------------|--------|
| L-3: | L-4958 |
| Perkin Elmer: | HY-10 |
| E2V: | 8503AF |
| EIA: | 7620 |



