



GL8613 Specification

Anode Parameter

Peak forward anode voltage:	16kV
Peak inverse anode voltage:	16 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:	4MW

Grid drive

Unloaded grid drive pulse voltage:	200V $\sim$ 600V
Grid pulse duration:	2 μ s
Rate of rise of grid pulse:	1.2kV/ μ s
Peak inverse grid voltage:	200V(max)
Forward impedance of grid circuit:	250 $\Omega \sim$ 500 Ω

Heater

Heater voltage:	6.3V $\pm$ 8%V ac
Heater current:	6A $\sim$ 11.5A
Minimum heater time:	5min

Mechanical

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

Cross reference

L-3:	L-4884
Perkin Elmer:	HY-1A
E2V:	8503B
Triton:	8613



