



GL1551B Specification

Anode Parameter

Peak forward anode voltage:	33kV
Peak inverse anode voltage:	25 kV
Peak anode current:	1000A
Peak anode current:	2000A (Pulse repetition rate 60pps Max)
Average anode current:	1.25A
Rate of rise of anode current:	5000A/ μ s
Plate breakdown factor:	14×10^9 VApps
Maximum pulse power:	16.5MW

Grid drive

Unloaded grid drive pulse voltage:	500V~1000V
Grid pulse duration:	1 μ s (min)
Rate of rise of grid pulse:	1kV/ μ s (min)
Peak inverse grid voltage:	450V(max)
Forward impedance of grid circuit:	50 Ω ~800 Ω

Heater

Heater voltage:	6.3V $\pm$ 5%V ac
Heater current:	22 $\pm$ 1A
Minimum heater time:	5min

Mechanical

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

Cross reference

L-3:	L-4696
Perkin Elmer:	HY-32、HY-3002



