

GL1551C Specification

Anode Parameter

Peak forward anode voltage:	35kV max
Peak inverse anode voltage:	25 kV max
Peak anode current:	1000A
Peak anode current:	2000A (Pulse repetition rate 60pps Max)
Average anode current:	1.25A (2.2A max)
Rate of rise of anode current:	5000A/ μ s
Plate breakdown factor:	14×10^9 VApps
Maximum pulse power:	17.5MW

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

Cathode heater voltage:	6.3V $\pm$ 5%V ac
Cathode heater current:	15A~18.5A
Reservoir heater voltage:	6.3V $\pm$ 5%V ac
Reservoir heater current:	3A~6A
Minimum heater time:	10min

Mechanical

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

