

## GL1585 Specification

### Anode Parameter

Peak forward anode voltage:	30kV
Peak inverse anode voltage:	30 kV
Peak anode current:	600A
Average anode current:	0.6A
Rate of rise of anode current:	10kA/ $\mu$ s
Plate breakdown factor:	$7.5 \times 10^9$ VApps
Maximum pulse power:	9MW

### Grid drive

Unloaded grid drive pulse voltage:	500V $\sim$ 2000V
Grid pulse duration:	1 $\mu$ s
Rate of rise of grid pulse:	4kV/ $\mu$ s (min)
Peak inverse grid voltage:	450V(max)
Forward impedance of grid circuit:	50 $\Omega$ $\sim$ 200 $\Omega$

### Heater

Heater voltage:	6.3V $\pm$ 5%V ac
Heater current:	10A $\sim$ 14A
Minimum heater time:	5min

### Mechanical

Mounting position:	Any
Dimension:	See outline
Cooling way:	Natural

### Cross reference

E2V:	FX1585
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