



THYRATRONS

REQUEST FOR OPERATING PARAMETERS

Contact person:
Company:

Address:
Tel.: Fax:
E-mail:
http\www.

Application: Radar ; Laser ; Linac ; Kiker ; Magneforming ; Crowbar
Other (Specify)

Thyratron circuit (Please, sketch the thyatron discharge and recharge circuit or attach a circuit diagram)

Thyratron Conditions	Min	Typ	Max
Forward anode voltage , kV			
Anode inverse voltage, kV			
Peak forward current, kA *			
2nd half-wave anode current amplitude, kA*			
Current pulse width, μ s			
Average current, A			
Rate of rise of current, A/sec			
Switched capacity, μ F			
Switched charge (first half-wave), Coulomb			
Repetition rate, Hz			
Current pulse shape (aperiodical, oscillated)*			
Jitter (The instability of the current pulse delay time), ns			

*In oscillated discharge mode anode current 2-nd half-wave amplitude must be indicated

Cooling medium (oil / forced air / other)
 Operating mode: Continuous ; Burst ; Pulses/Burst _____; Burst PRF _____
 Usage mode: Hours / Day _____; Hours Week _____; Hours / Month _____
 Special Requirements: