

Features: --extremely rugged
--plate currents up to 33 amps (duty cycle 0.2%)

Svetlana GMI-42B Shielded-Grid Pulse Triode



Svetlana
ELECTRON DEVICES

Maximum ratings

Anode voltage	33	kV
Anode dissipation	500	W
Cathode current, pulse (max duration 50 μ S at max current)	33	A
Grid voltage, negative	-600	V
Grid voltage, positive (in pulse)	1400	V
Maximum grid dissipation	25	W
Seal temperature	250	$^{\circ}$ C

Typical operation as a switch:

Anode voltage	2.5	kV
Grid voltage, negative	-200	V
Grid voltage when switched on, positive	1350	V
Pulse duration	10	μ S
Duty factor	0.002	
Anode current when switched on	30	A
Grid current when switched on	<4.5	A

