

Hydrogen-Filled Thyatron L4884B

The L4884B is an electron tube suitable for line type modulator switching.

Maximum Ratings	
Peak Anode Voltage (epy)	16 kV
Peak Anode Current (ib)	325 A
Average Anode Current (Ib)	0.2 ADC
Anode Current Rate of Rise (dib/dt)	15,000 A/μs
Anode Delay Time (tad)	0.65 μs
Time Jitter (tj)	0.005 μs
Ambient Temp	-50° to +90° C



Ancillary Supplies	NOM	MIN.	MAX.	UNITS
Peak Control Grid Voltage (egy)	---	200	---	V
Control Grid Voltage Pulse Width (tp)	---	2.0	---	μs
Control Grid Voltage Rise Time (tr)	---	---	.05	μs
Control Grid Source Drive Impedance (Zg)	---	---	500	Ω
Negative Control Grid Bias (Ecc)	---	0	-150	VDC
Heater Voltage (Ef)	6.3	5.8	6.8	VAC/VDC
Heater Current at 6.3 V (If)	---	9.6	11.6	AAC/ADC
Reservoir Voltage (Eres)	---	3.0	5.5	VAC/VDC
Warm-up Time (tk)	---	5	---	Min.

KEY FEATURES

- * Plug in replacement for type 5C22
- * Rugged metal/ceramic construction
- * A4-18 socket compatible
- * Incorporated TiH reservoir to maintain gas pressure as thyatron ages

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Outline in Inches

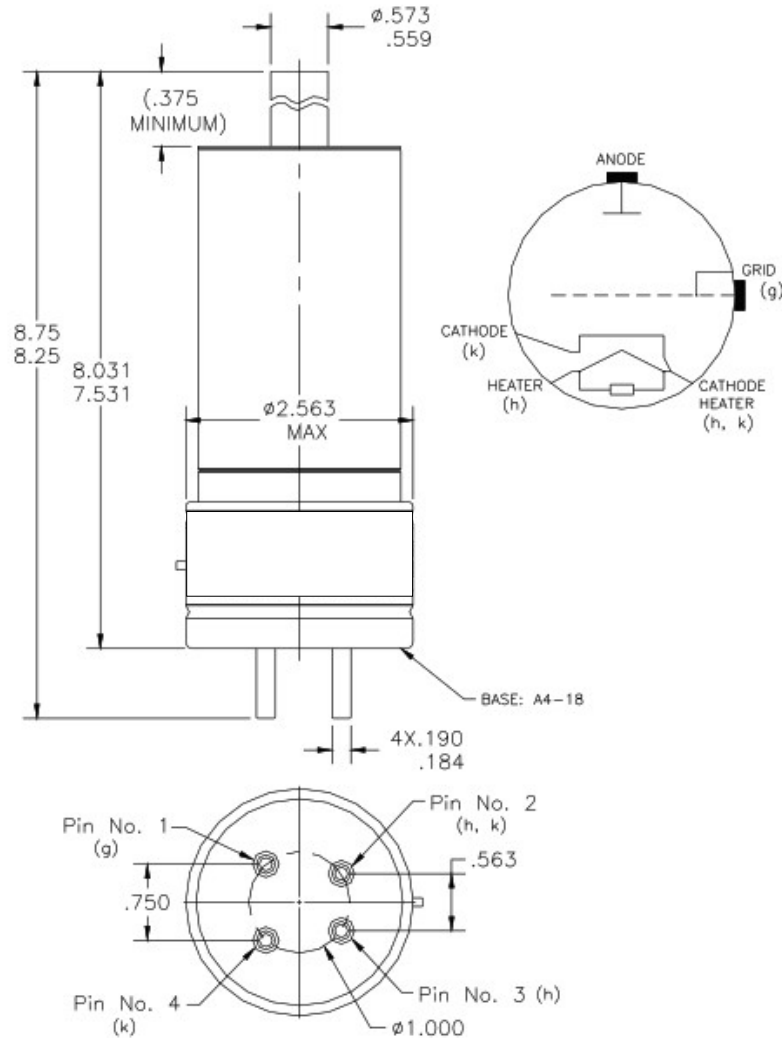


FIGURE 1

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