stellant 🚽

Hydrogen-Filled Thyratron L4884

The L4884 is an electron tube suitable for line type modulator switching.

Maximum Ratings	
Peak Anode Voltage (epy)	XX kV
Peak Anode Current (ib)	XX A
Average Anode Current (lb)	XX ADC
RMS Anode Current (lp)*	XX ARMS
Anode Current Rate of Rise (dib/dt)	XX A/μs
Anode Delay Time (tad)	XX μs
Time Jitter (tj)	XX μs
Ambient Temp	0° to 40°+ C

Ancillary Supplies	NOM	MIN.	MAX.	UNITS
Peak Control Grid Voltage (egy)				V
Control Grid Voltage Pulse Width (tp)				μs
Control Grid Voltage Rise Time (tr)				μs
Control Grid Source Drive Impedance (Zg)				Ω
Negative Control Grid Bias (Ecc)				VDC
Heater Voltage (Ef)				VAC/VDC
Heater Current at 6.3 V (If)				AAC/ADC
Reservoir Voltage (Eres)				VAC/VDC
Warm-up Time (tk)				Min.



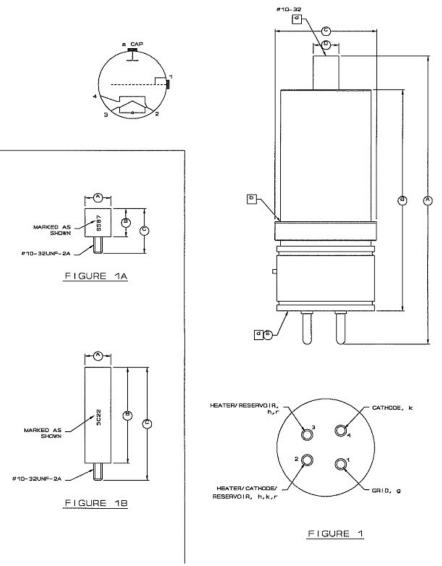
KEY FEATURES

- * Rugged metal/ceramic construction
- Auxiliary grid may be DC primed or pre-pulsed
- *

This document consists of general capabilities information that is not defined as controlled technical data under ITAR Part 120.10 or EAR Part 772. Data including specifications, contained within this document are summary in nature and subject to change at any time without notice at Stellant's discretion. **APRIL 2023**

- 🗐 🗉 Stellant

Hydrogen-Filled Thyratron L4884



Stellant Systems is a partner for civil, military, and commercial organizations whose missions seek to ensure a safe, aware, and connected world. We are a premier manufacturer of critical spectrum and power amplification systems for defense, space, medical & scientific and industrial customers worldwide.

www.StellantSystems.com



Headquarters

3100 Lomita Blvd. Torrance, California 90505 T: 310-517-6000 info@stellantsystems.com

1035 Westminster Dr. Williamsport, Pennsylvania 17701 T: 570-326-3561 107 Woodmere Rd. Folsom, California 95630 T: 916-351-4500



This document consists of general capabilities information that is not defined as controlled technical data under ITAR Part 120.10 or EAR Part 772. Data including specifications, contained within this document are summary in nature and subject to change at any time without notice at Stellant's discretion. **APRIL 2023**