



PHANOTRON

The GL-4B32 is an inert-gas-filled, half-wave rectifier for use in high-voltage rectifier circuits.

TECHNICAL INFORMATION

GENERAL

Electrical

	Minimum	Bogey	Maximum
Cathode-Filamentary			
Filament Voltage	4.75	5	5.25 Volts
Filament Current at 5 Volts	..	7.5	8 Amperes
Heating Time	30	..	.. Seconds
Anode Voltage Drop	..	12	.. Volts
Critical Anode Voltage	..	..	50 Volts

Mechanical

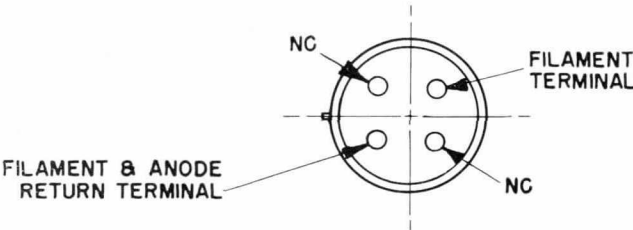
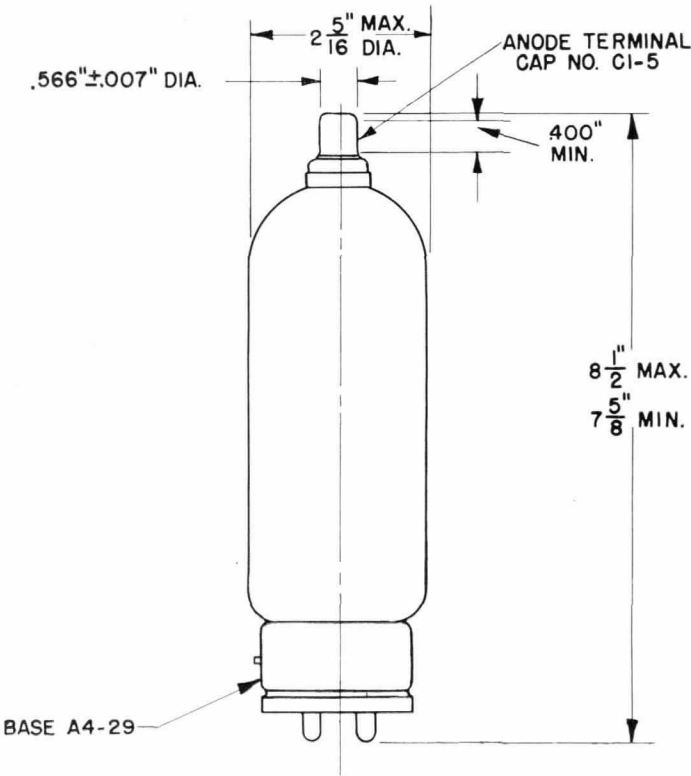
Type of Cooling—Convection	3/4 Pounds
Mounting Position—Any	
Net Weight, maximum	



TECHNICAL INFORMATION (CONT'D)

MAXIMUM RATINGS, Absolute Values

Maximum Peak Inverse Anode Voltage.....	10,000	Volts
Maximum Cathode Current		
Peak.....	.5	Amperes
Average.....	1.25	Amperes
Maximum Averaging Time.....	.15	Seconds
Fault.....	.50	Amperes
Maximum Duration.....	0.2	Seconds
Maximum Frequency.....	150	Cycles per Second
Ambient Temperature Limits.....	-55 to +70	C



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