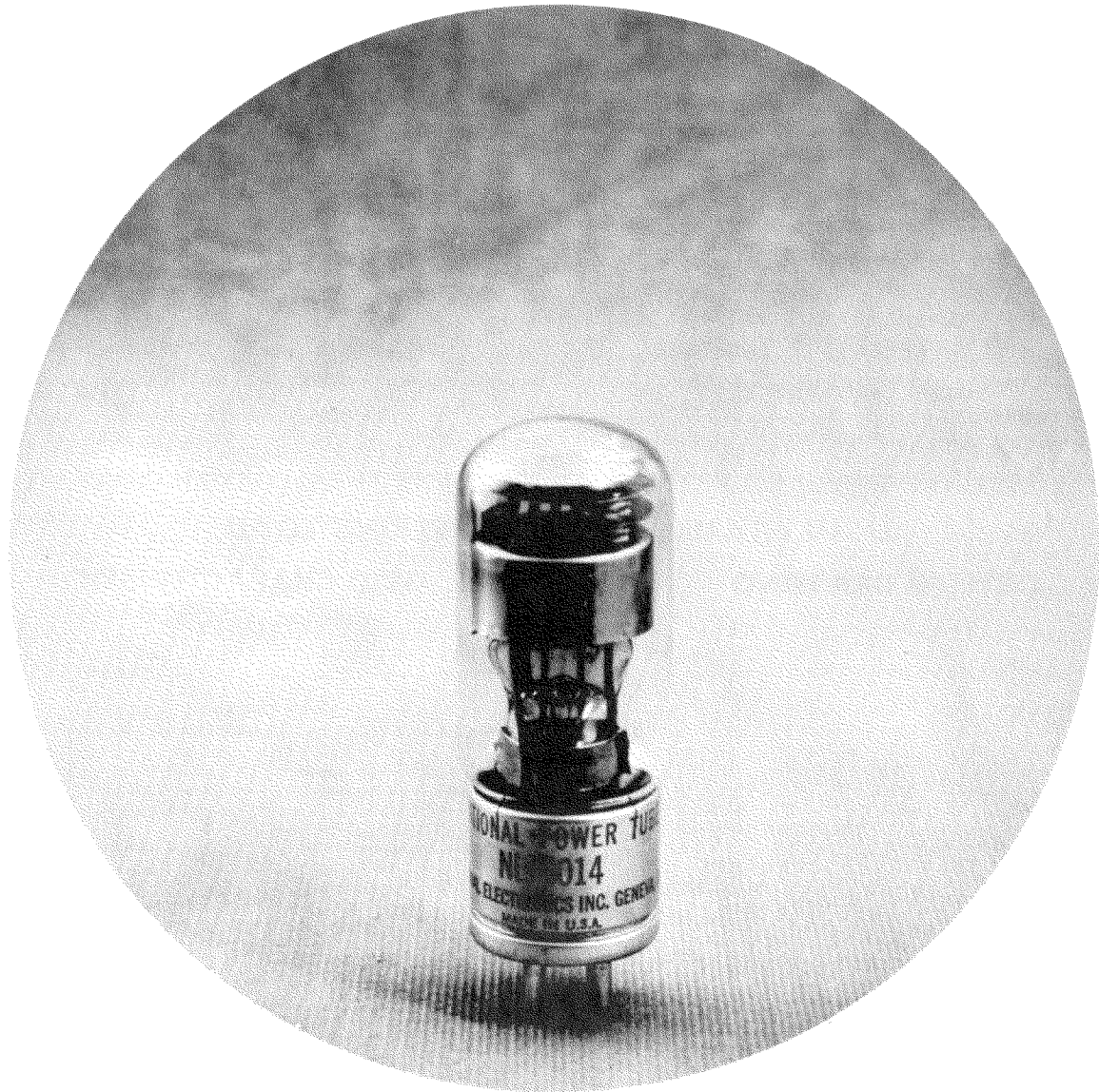


# THYRATRON TUBE

**NL-6014/CIK**  
**THYRATRON TUBE**  
**1.0 Ampere dc -- 8.0 Amperes Peak**



NATIONAL POWER TUBE NL-6014/CIK is a compact, quick heating thyatron designed for timing and control applications. It is xenon filled for quick starting and the ability to operate within very wide temperature limits.

**NATIONAL ELECTRONICS, INC.**  
GENEVA, ILLINOIS, U. S. A.

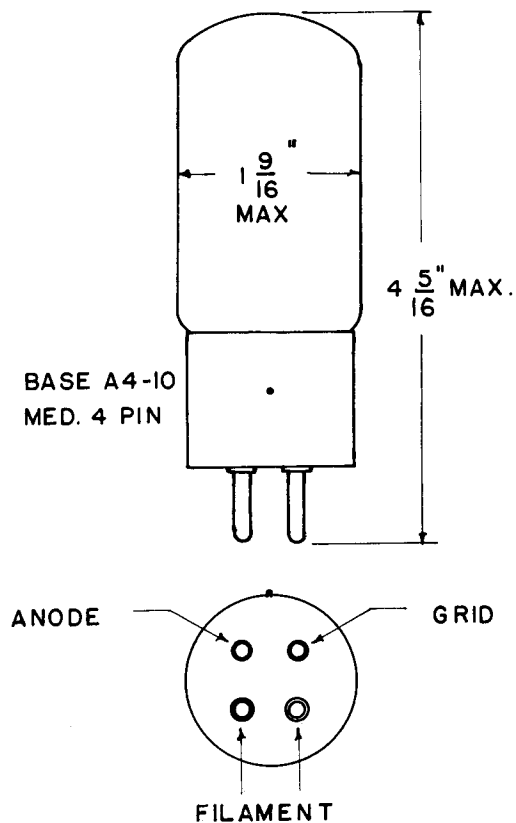
# NL-6014/CIK THYRATRON TUBE TECHNICAL INFORMATION

dc Amperes output (maximum) .....	1.0
Instantaneous Amperes output (maximum) .....	8.0
Maximum time of averaging anode current (seconds) .....	4.5
Maximum peak inverse volts .....	1250
Maximum peak forward volts .....	1000
Filament volts .....	2.5
Filament amperes .....	6.3 ± 0.8
Heating time (seconds) .....	25
Typical arc drop at 5 amperes peak (volts) .....	8
Grid control characteristic .....	see curve
Maximum negative grid voltage before conduction (volts) .....	100
Maximum negative grid voltage during anode conduction (volts) .....	10
Ionization time (approx., microseconds) .....	10
Deionization time (approx., microseconds) .....	500
Anode to grid capacitance (uuf) .....	1
Maximum critical grid current (microamperes) .....	5
Maximum ac short circuit current (amperes) .....	77
Ambient temperature limits (°C) .....	-55 to +70
Mounting position .....	any
Net weight (ounces) .....	3
Approx. shipping weight (lbs.) .....	3

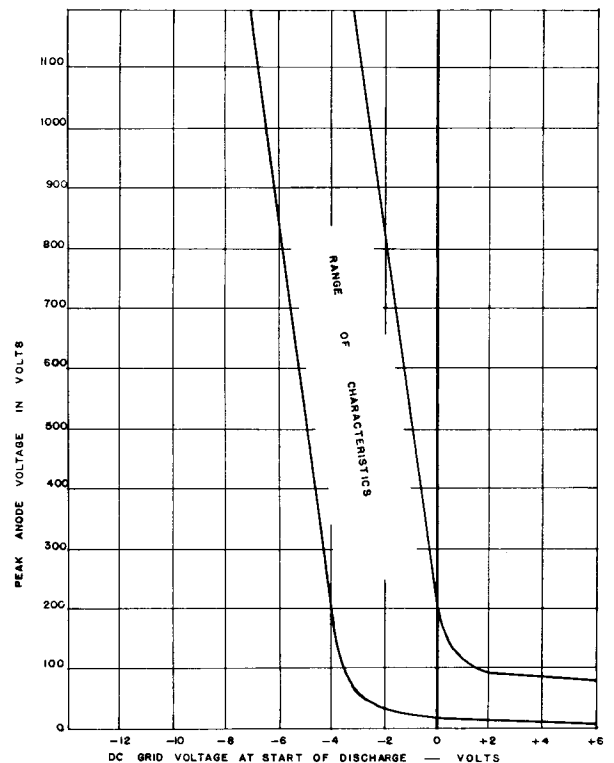
ALL DATA ARE BASED ON RETURNS TO FILAMENT TRANSFORMER CENTER TAP

## LIGHT FILAMENT BEFORE APPLYING LOAD

### OUTLINE DRAWING



### GRID CHARACTERISTIC



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