

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

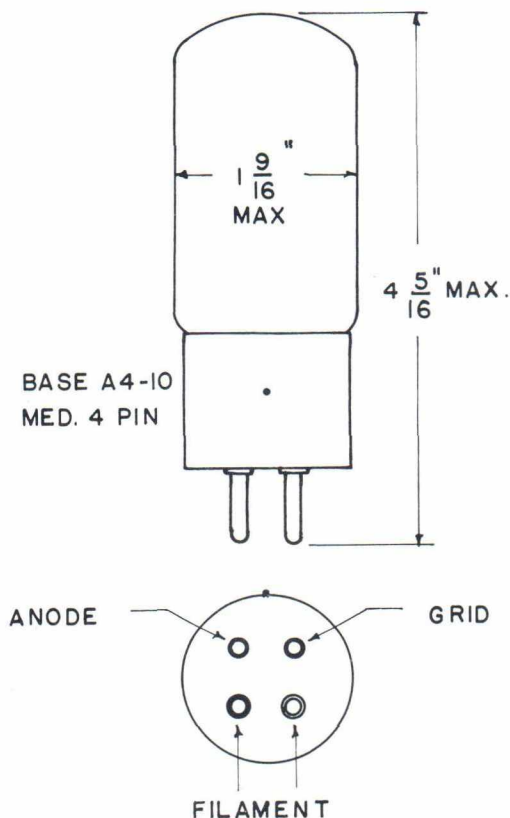
TECHNICAL INFORMATION

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

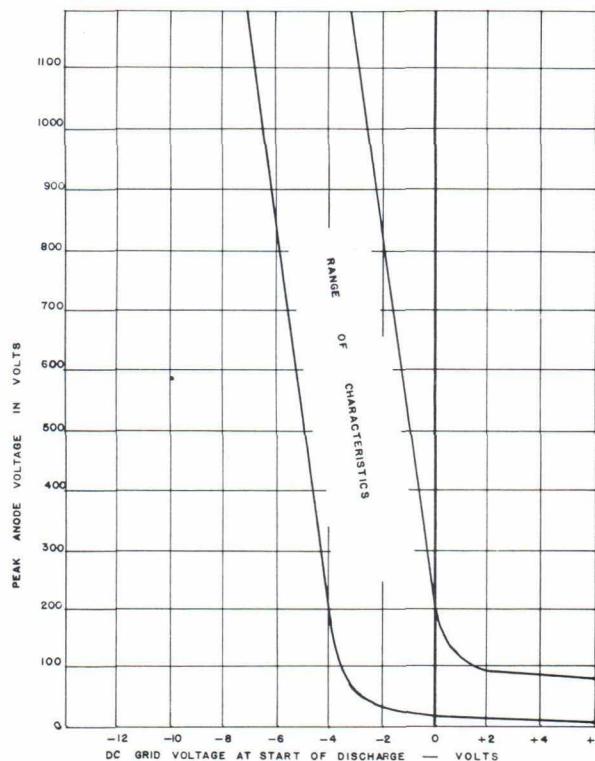
ALL DATA ARE BASED ON RETURNS TO FILAMENT TRANSFORMER CENTER TAP

LIGHT FILAMENT BEFORE APPLYING LOAD

OUTLINE DRAWING



GRID CHARACTERISTIC



Printed in USA 12-57

NATIONAL ELECTRONICS, INC.

GENEVA, ILLINOIS, U. S. A.