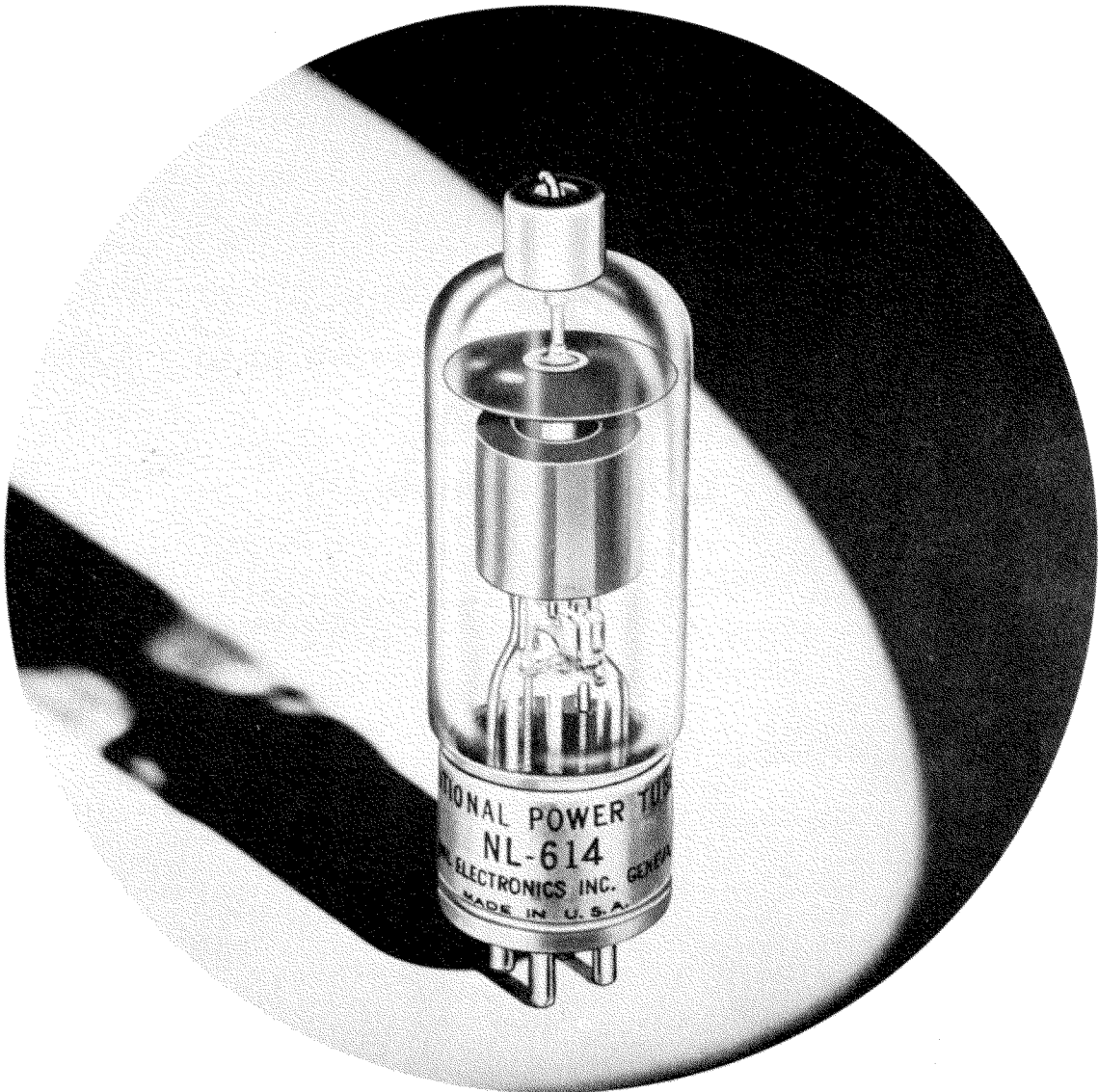


# RECTIFIER TUBE

**NL-614**

**INERT-GAS-FILLED RECTIFIER TUBE**

**2.5 Amperes dc**



NATIONAL POWER TUBE NL-614 is a sturdy rectifier tube designed especially for industrial power rectifier applications up to 250 volts dc. It is xenon-filled for efficiency, compactness, and the ability to operate within very wide temperature limits.

## NATIONAL ELECTRONICS, INC.

GENEVA, ILLINOIS, U. S. A.

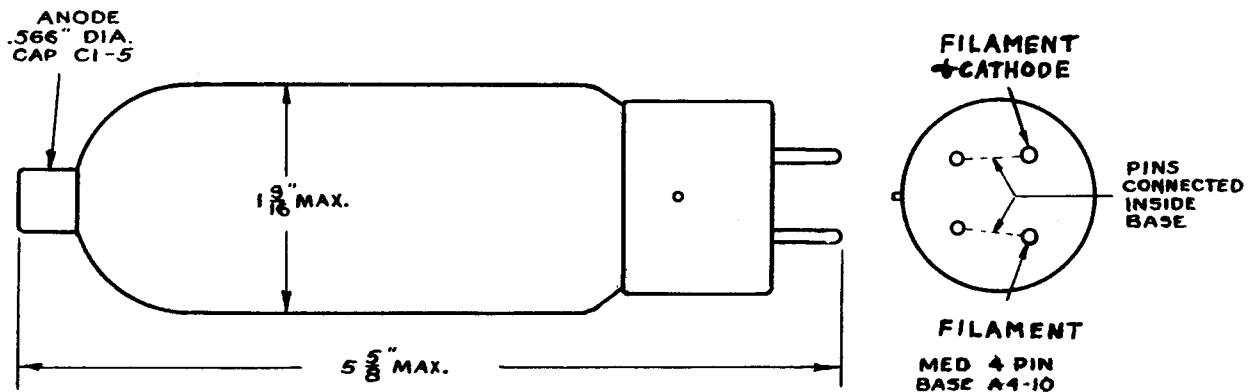
# NL-614 RECTIFIER TUBE TECHNICAL INFORMATION

dc Amperes output (maximum) .....	2.5
Instantaneous Amperes output (maximum) .....	15
Maximum time of averaging anode current (seconds) .....	5
Maximum peak inverse volts .....	900
Filament volts .....	2.5
Filament amperes .....	7 to 11
Filament heating time (seconds) .....	20
Typical arc drop at 8 amperes peak (volts) .....	10
Typical Anode starting voltage (volts) .....	13
Maximum ac short circuit current (amperes) .....	250
Maximum Commutation Factor (A/usec x V/usec) .....	10
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 CENTER TAP

**LIGHT FILAMENT BEFORE APPLYING LOAD**

## OUTLINE DRAWING



Printed in USA 11-54

# NATIONAL ELECTRONICS, INC.

GENEVA, ILLINOIS, U. S. A.