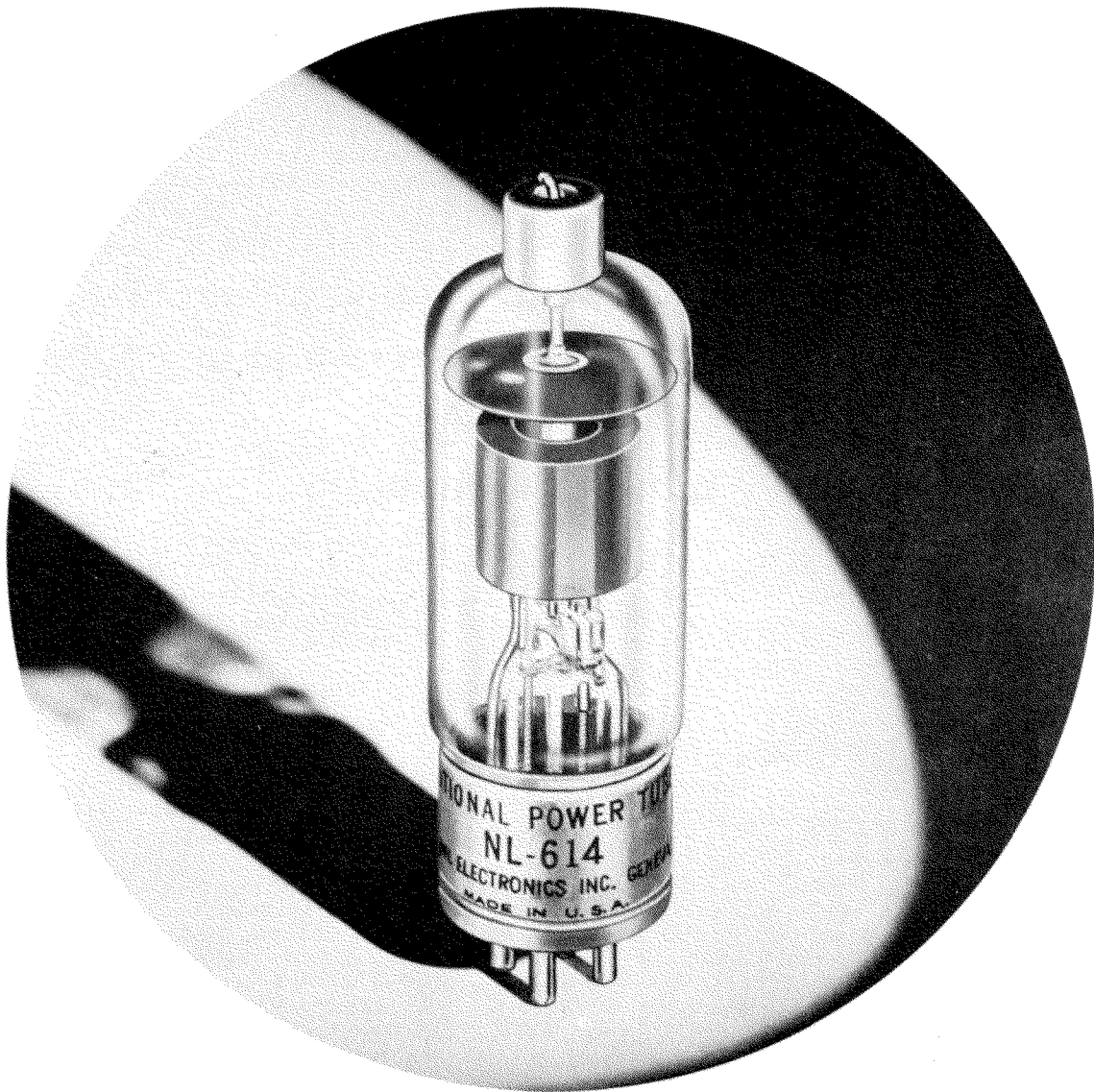


RECTIFIER TUBE

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.

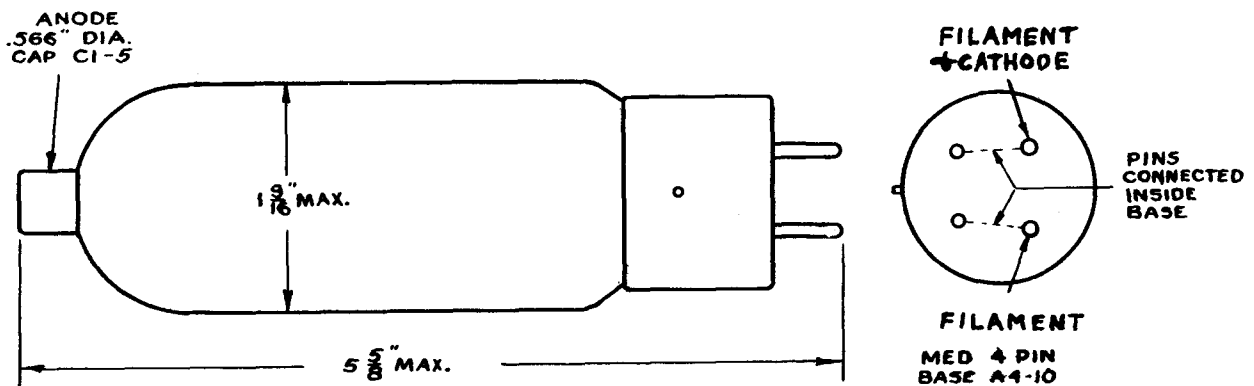
NL-614 RECTIFIER TUBE TECHNICAL INFORMATION

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



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