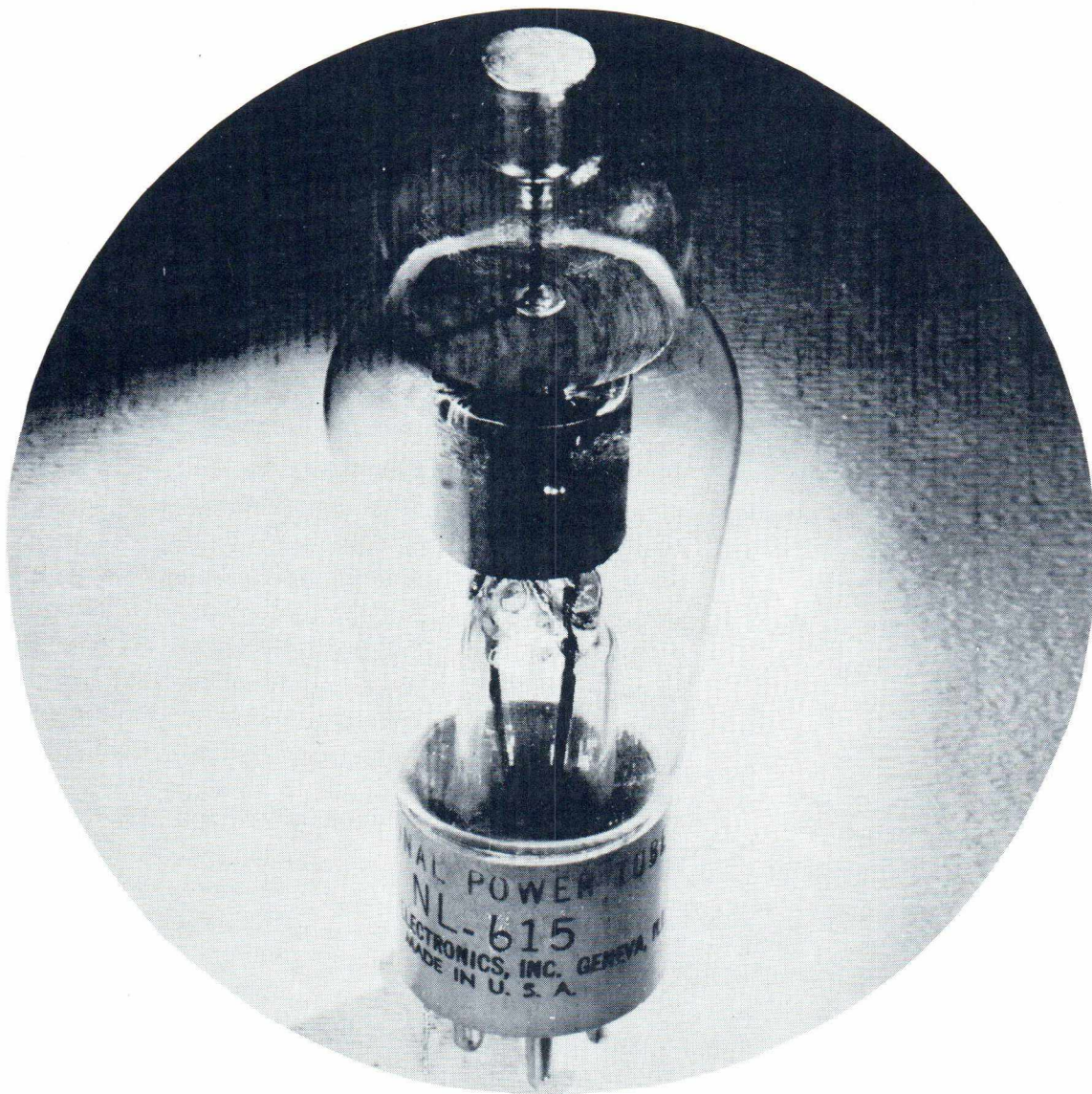


RECTIFIER TUBE

NL-615
RECTIFIER TUBE
2.5 Amperes dc



NATIONAL POWER TUBE NL-615 is a sturdy rectifier tube designed especially for industrial power rectifier applications up to 600 volts dc. It is mercury filled for efficiency, long life, and the ability to stand high inverse voltage.

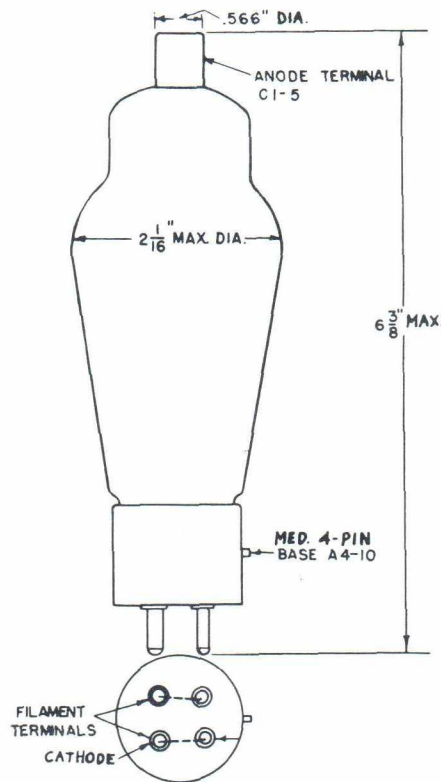
NATIONAL ELECTRONICS, INC.
GENEVA, ILLINOIS, U. S. A.

NL-615 RECTIFIER TUBE

TECHNICAL INFORMATION

dc Amperes output (maximum)	2.5
Instantaneous Amperes output (maximum)	10
Maximum time of averaging anode current (seconds)	5
Maximum peak inverse volts	2000
Filament volts	2.5
Filament amperes	7 $\pm$ 1
Filament heating time (seconds)	20
Typical arc drop at 8 amperes peak (volts)	12
Typical Anode starting voltage (volts)	13
Maximum ac short circuit current (amperes)	250
Condensed mercury temperature limits ($^{\circ}$ C)	+ 35 to + 80
Approximate temperature rise, cond. mercury above ambient ($^{\circ}$ C)	30
Mounting position	vertical, base down
Net weight (ounces)	4
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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