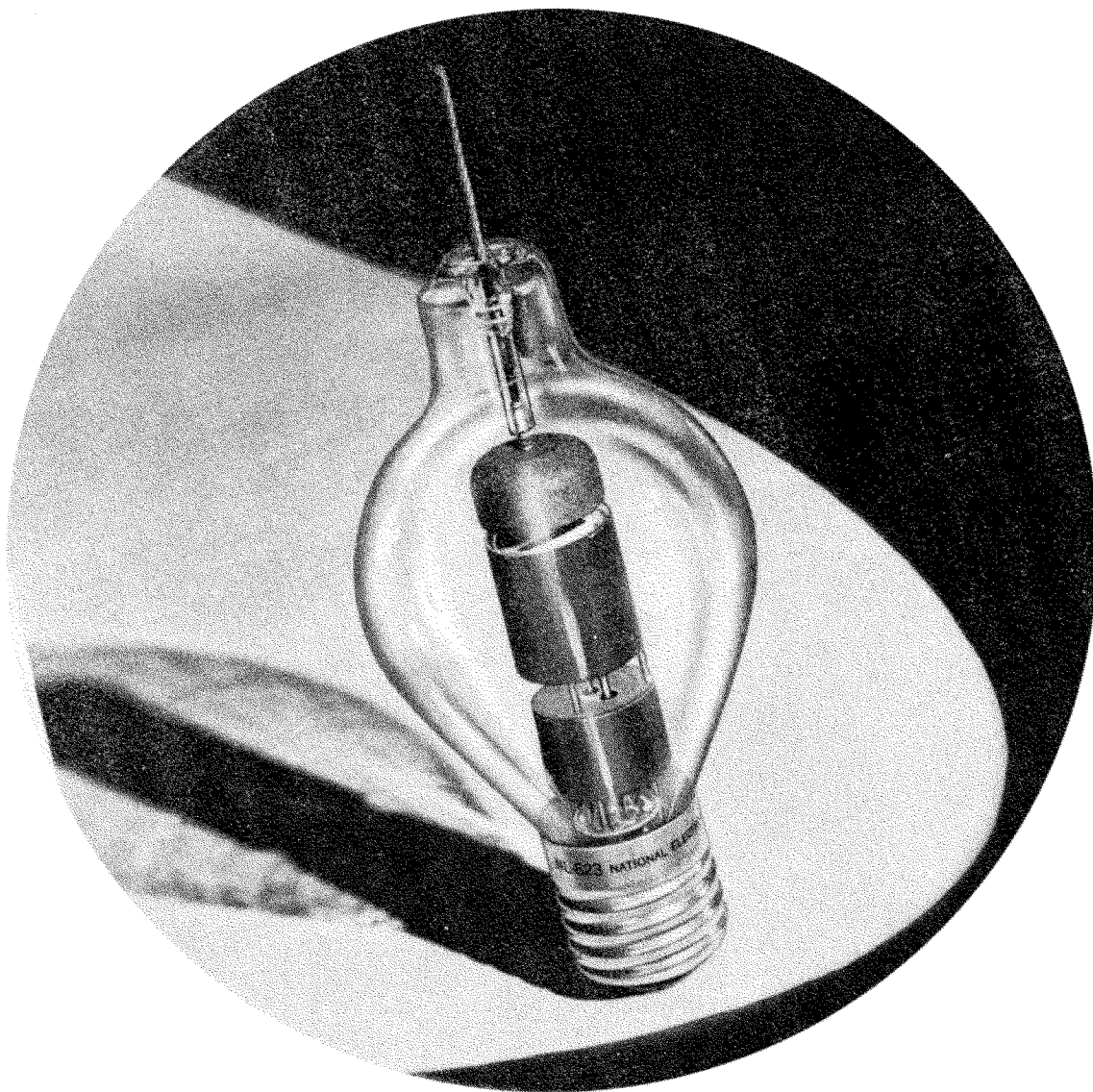


RECTIFIER TUBE

NL-623
RECTIFIER TUBE
15 Amperes dc



NATIONAL POWER TUBE NL-623 is a sturdy rectifier tube designed especially for industrial power rectifier applications up to 150 volts dc. It is mercury filled for efficiency, long life, the ability to withstand high inverse voltage.

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

NL-623 RECTIFIER TUBE

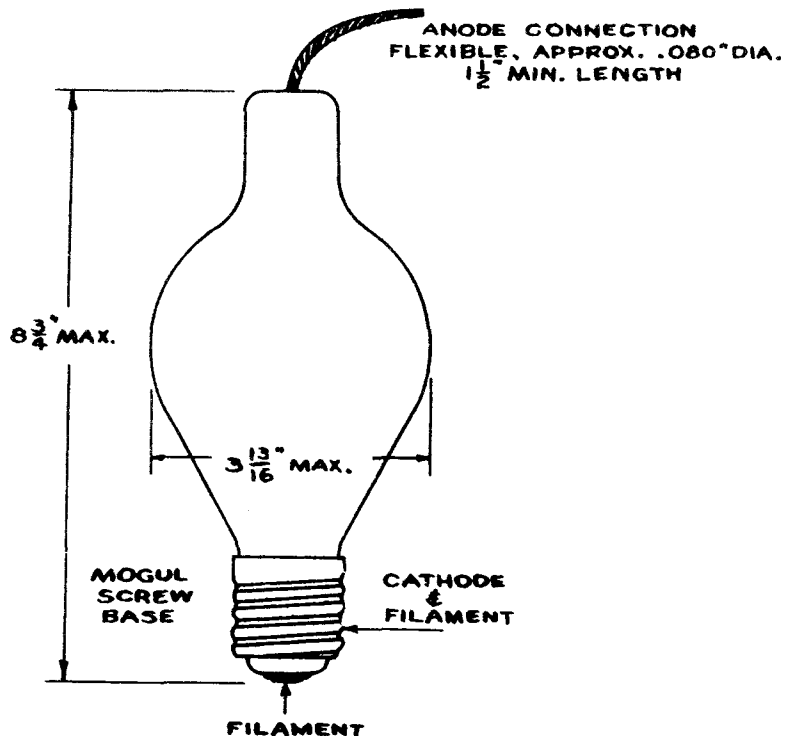
TECHNICAL INFORMATION

dc Amperes output (maximum)	15
Instantaneous Amperes output (maximum)	45
Maximum time of averaging anode current (seconds)	15
Maximum peak inverse volts	500
Filament volts	2.5
Filament amperes	20 ± 2
Filament heating time (seconds)	120
Typical arc drop at 45 amperes peak (volts)	10
Typical Anode starting voltage (volts)	13
Maximum ac short circuit current (amperes)	750
Condensed mercury temperature limits (°C)	+ 35 to + 100
Approximate temperature rise, cond. mercury above ambient , no load (°C)	40
Approximate temperature rise, cond. mercury above ambient, full load (°C)	60
Mounting position	vertical, base down
Net weight (ounces)	6
Approx. shipping weight (lbs.)	5

ALL DATA ARE BASED ON RETURNS TO FILAMENT CENTER TAP

LIGHT FILAMENT BEFORE APPLYING LOAD

OUTLINE DRAWING



Printed in USA, 7 57/C

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