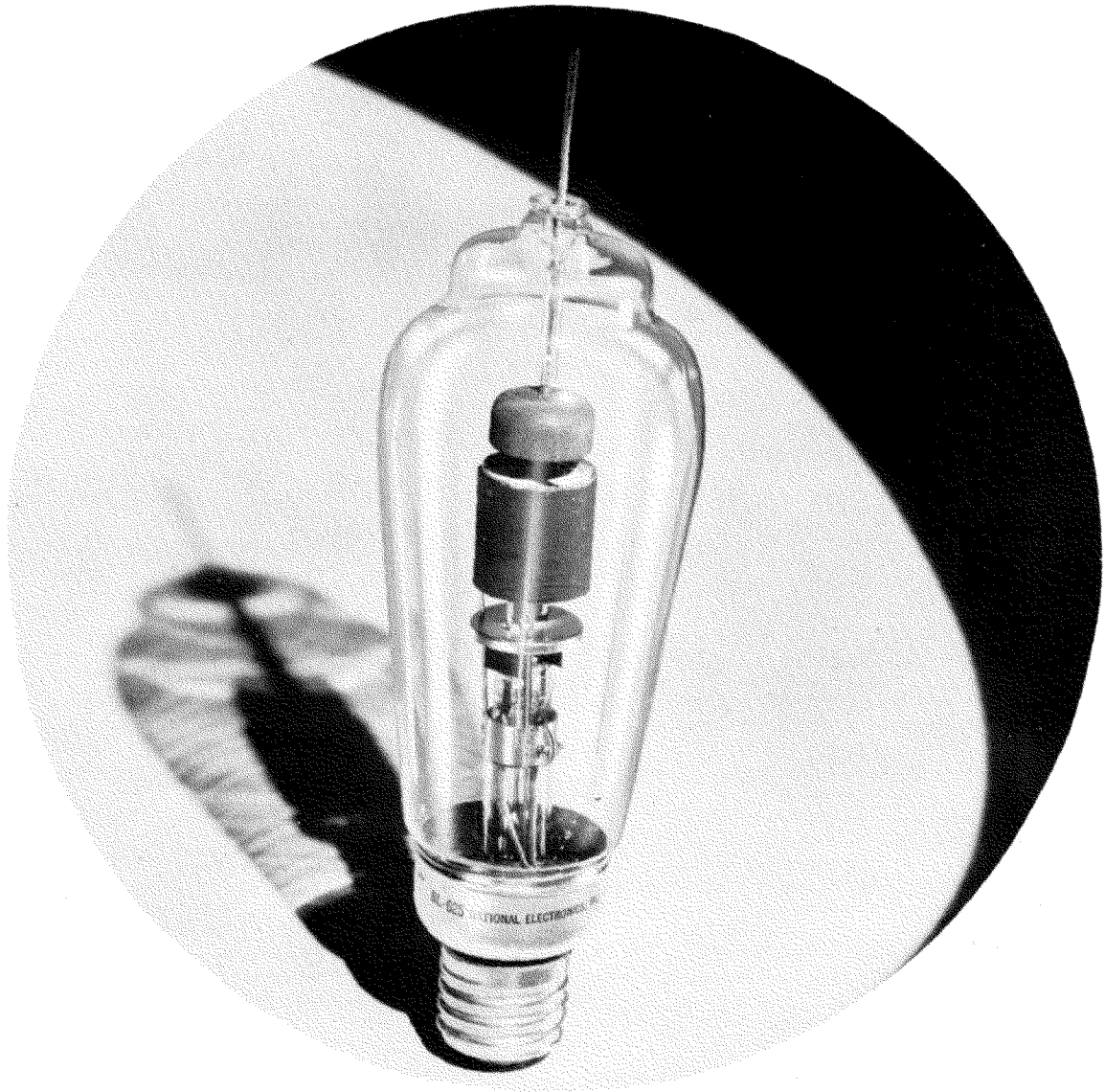


RECTIFIER TUBE

NL-625
RECTIFIER TUBE
15 Amperes dc



NATIONAL POWER TUBE NL-625 is a sturdy rectifier tube designed especially for industrial power rectifier applications up to 250 volts dc. It is mercury filled for efficiency, long life, and the ability to stand high inverse voltage.

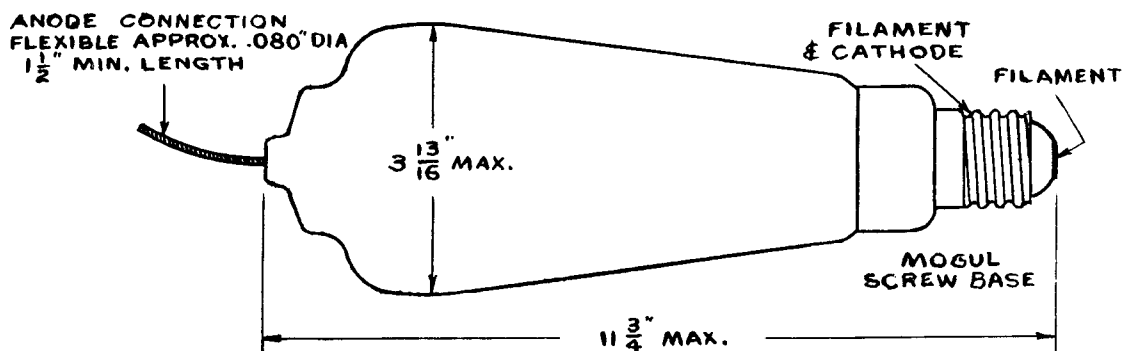
NATIONAL ELECTRONICS, INC.
GENEVA, ILLINOIS, U. S. A.

NL-625 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	900
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 + 80
Approx. temp. rise, cond. merc. above ambient, no load (°C)	25
Approx. temp. rise, cond. merc. above ambient, full load (°C)	40
Mounting position	vertical, base down
Net weight (ounces)	12
Approx. shipping weight (lbs.)	7

ALL DATA ARE BASED ON RETURNS TO FILAMENT CENTER TAP
LIGHT FILAMENT BEFORE APPLYING LOAD

OUTLINE DRAWING



Printed in USA 5-56 GR

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