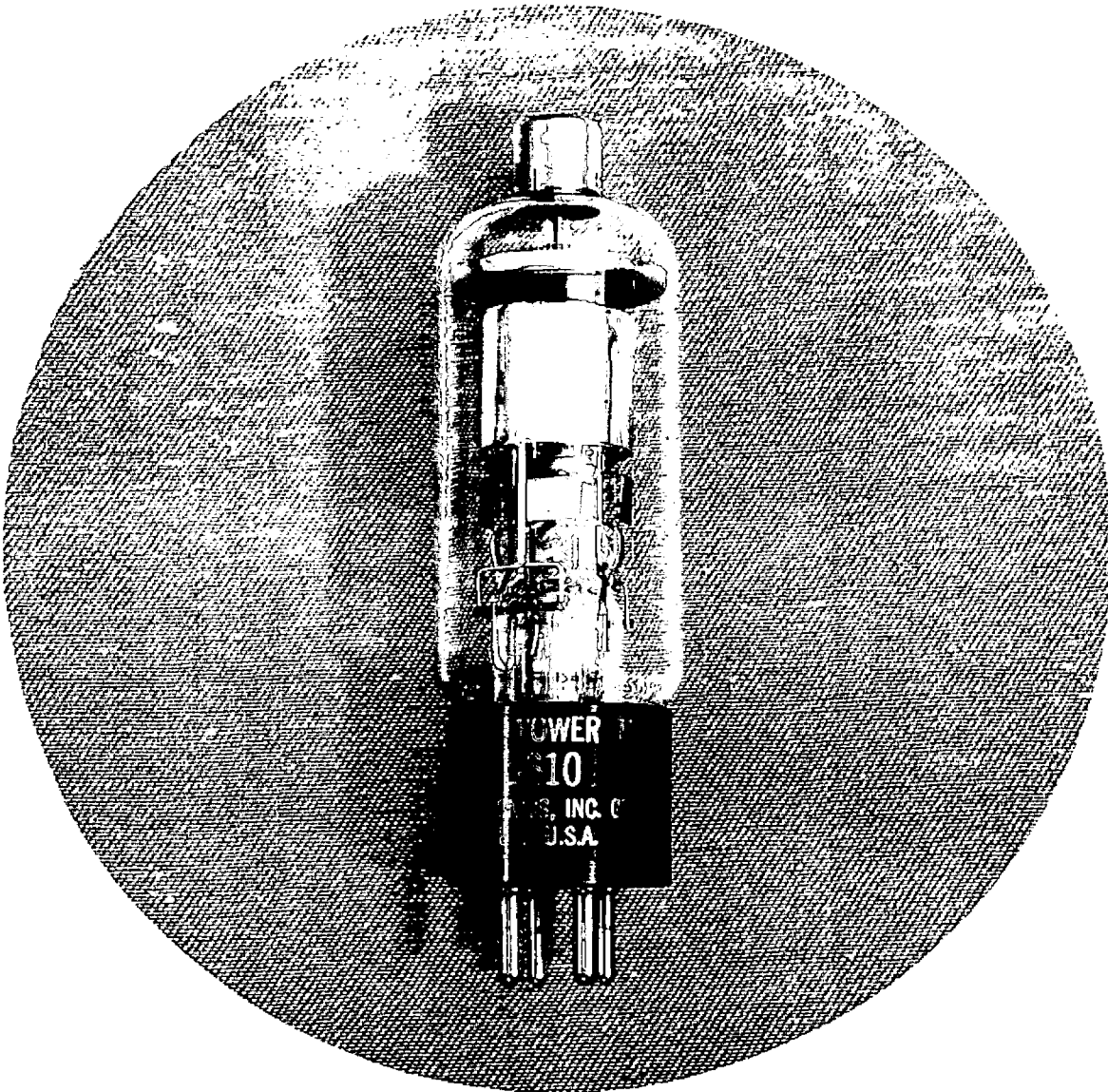


RECTIFIER TUBE

NL-610/7723

INERT-GAS-FILLED RECTIFIER TUBE

2.5 Amperes dc



NATIONAL POWER TUBE NL-610 is a sturdy rectifier tube designed especially for industrial power rectifier applications where a high commutation factor tube is required. It is xenon-filled for efficiency, compactness, and the ability to operate within very wide temperature limits.

from JEDEC release #3016, Nov. 7, 1960

NATIONAL ELECTRONICS, INC.

A SUBSIDIARY OF EITEL-McCULLOUGH, INC.
GENEVA, ILLINOIS, U. S. A.

NL-610/7723 RECTIFIER TUBE

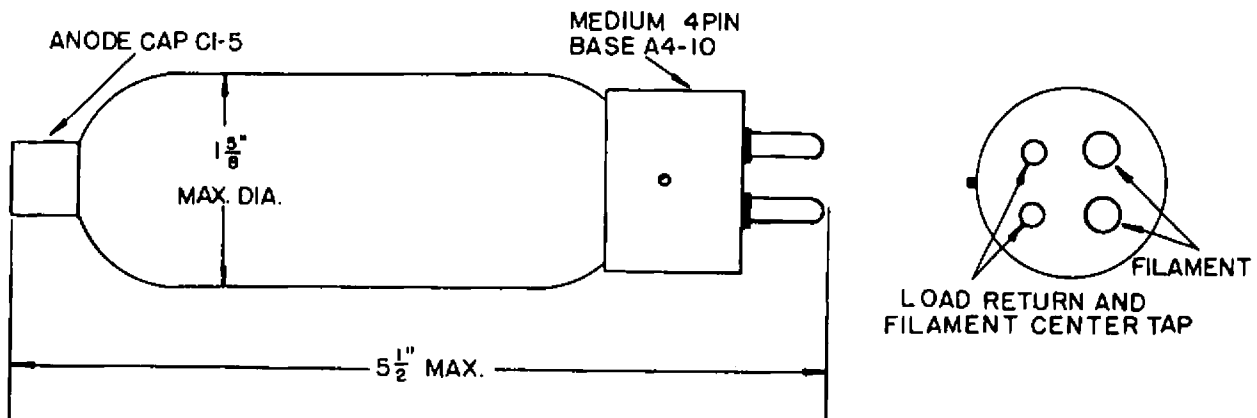
TECHNICAL INFORMATION

dc Amperes output (maximum)	2.5
Instantaneous Amperes output (maximum)	30
Maximum time of averaging anode current (seconds)	7
Maximum peak inverse volts	920
Filament volts	2.5
Filament amperes	7 to 11
Filament heating time (seconds)	30
Typical arc drop at 8 amperes peak (volts)	10
Typical Anode starting voltage (volts)	12
Maximum ac short circuit current (amperes)	300
Maximum Commutation Factor (A/usec x V/usec)	50
Ambient temperature limits (°C)	-55 to +75
Mounting position	any
Net weight (ounces)	3
Approx. shipping weight (lbs.)	3
Type cooling	Unrestricted air convection

ALL DATA ARE BASED ON RETURNS TO FILAMENT CENTER TAP

LIGHT FILAMENT BEFORE APPLYING LOAD

OUTLINE DRAWING



Printed in USA 10-60

NATIONAL ELECTRONICS, INC.

A SUBSIDIARY OF EITEL-McCULLOUGH, INC.
GENEVA, ILLINOIS, U. S. A.