

# RECTIFIER TUBE

NL-5558/FG-32

**RECTIFIER TUBE**

**2.5 Amperes dc**



NATIONAL POWER TUBE NL-5558/FG-32 is a sturdy rectifier tube designed especially for Industrial power rectifier applications up to 1500 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.

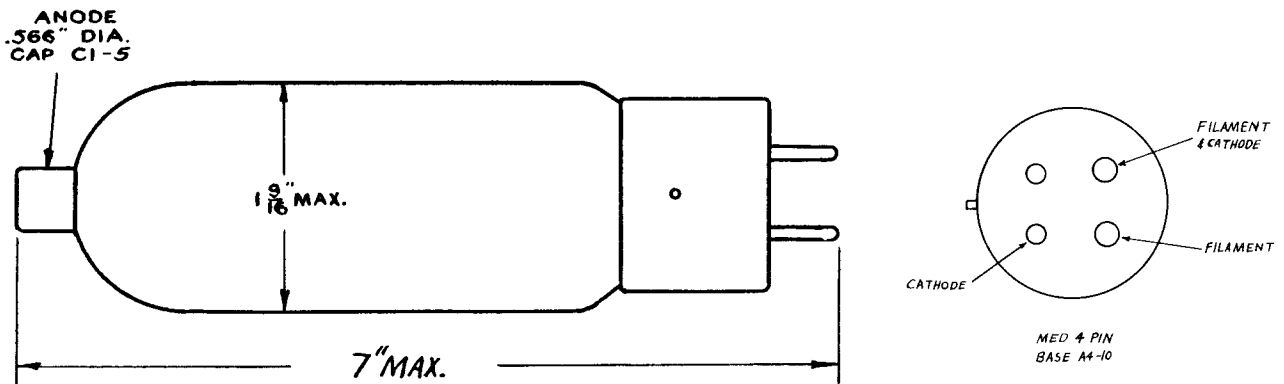
**NL-5558/FG-32 RECTIFIER TUBE  
TECHNICAL INFORMATION**

Indirectly heated Cathode

dc Amperes output (maximum).....	2.5	2.5
Instantaneous Amperes output (maximum).....	15	15
Maximum time of averaging anode current (seconds).....	15	15
Maximum peak inverse volts.....	2000	5000
Heater volts.....	5	5
Heater amperes.....	4.5 ± .4	4.5 ± .4
Cathode heating time (minutes).....	5	5
Typical arc drop at 10 amperes peak (volts).....	12	12
Typical Anode starting voltage (volts).....	50	50
Maximum ac short circuit current (amperes).....	200	200
Condensed mercury temperature limits (°C).....	+ 35 to + 80	+ 35 to + 60
Approximate temperature rise, cond. mercury above ambient (°C).....	28	28
Mounting position.....	vertical, base down	
Net weight (ounces).....	4	4
Approx. shipping weight (lbs.).....	3	3

ALL DATA ARE BASED ON RETURNS TO CATHODE

**LIGHT FILAMENT BEFORE APPLYING LOAD  
OUTLINE DRAWING**



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