7018 (615) HALF WAVE RECTIFIER TUBE
TECHNICAL INFORMATION

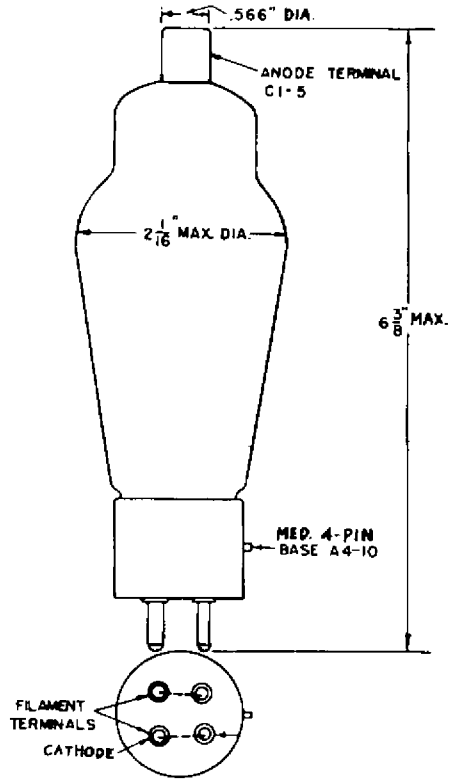
Description: A mercury vapor, half-wave, rectifier tube designed especially for industrial power rectifier applications up to 600 volts d.c.

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 ± 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 (°C)	+ 35 to + 80
Approximate temperature rise, cond. mercury above ambient (°C)	30
Mounting position	vertical, base down
Net weight (ounces)	4
Approx. shipping weight (lbs.)	3

ALL DATA ARE BASED ON RETURNS TO FILAMENT TRANSFORMER CENTER TAP

LIGHT FILAMENT BEFORE APPLYING LOAD

OUTLINE DRAWING



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