

7021 (714) THYRATRON TUBE

TECHNICAL INFORMATION

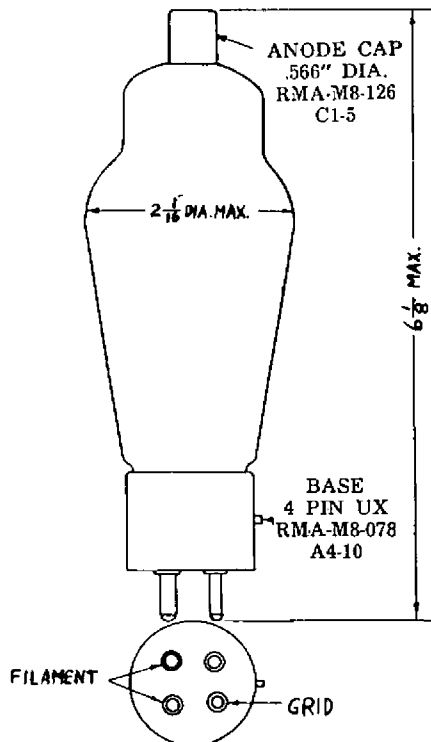
Description: A quick heating, argon and mercury vapor, industrial thyatron designed especially for timing and regulated rectifier applications.

dc amperes output (maximum)	1.0
Instantaneous Amperes output (maximum)	3
Maximum time of averaging anode current (seconds)	5
Maximum peak inverse volts	1250
Maximum peak forward volts	1250
Condensed mercury temperature limits (°C)	-40 to +80
Filament volts	2.5
Filament amperes	5 ± .5
Heating time (seconds)	5
Typical arc drop at 3 amperes peak (volts)	15
Grid control characteristic	See Curve
Maximum negative grid voltage before conduction (volts)	500
Maximum negative grid voltage during conduction (volts)	10
Maximum critical grid current (microamps)	5
Ionization time (approx., microseconds)	10
Deionization time (approx., microseconds)	1000
Anode to grid capacitance (uuf)	2
Maximum ac short circuit current (amperes)	50
Approx. temp. rise, cond. mercury above ambient (°C)	15
Mounting position	Vertical, base down
Net weight (ounces)	3
Approx. shipping weight (lbs.)	3

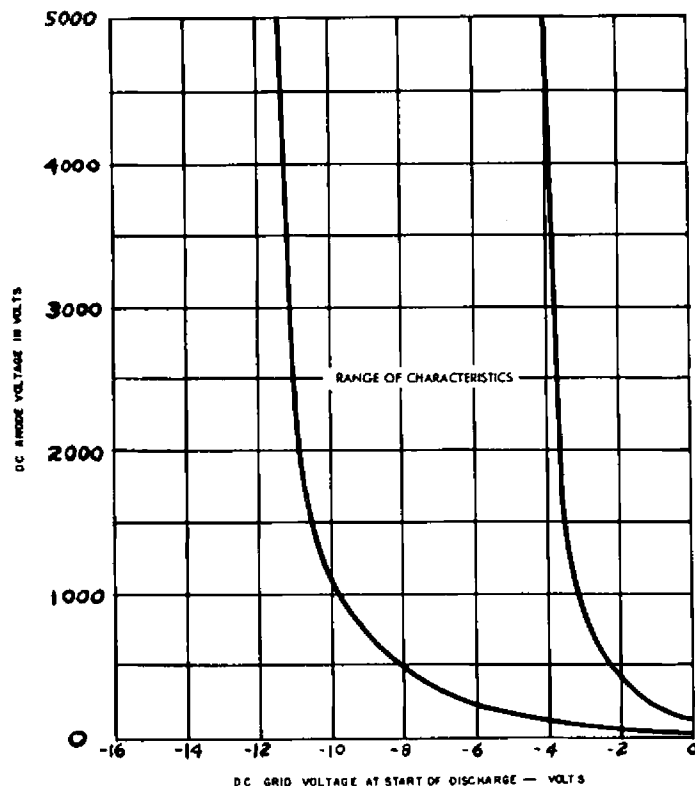
ALL DATA ARE BASED ON RETURNS TO FILAMENT TRANSFORMER CENTER TAP

LIGHT FILAMENT BEFORE APPLYING LOAD

OUTLINE DRAWING



GRID CHARACTERISTIC



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