7014 (604) FULL WAVE RECTIFIER TUBE
TECHNICAL INFORMATION

Description: An argon-mercury vapor, full wave, rectifier tube designed especially for industrial power rectifier applications up to 250 volts d. c.

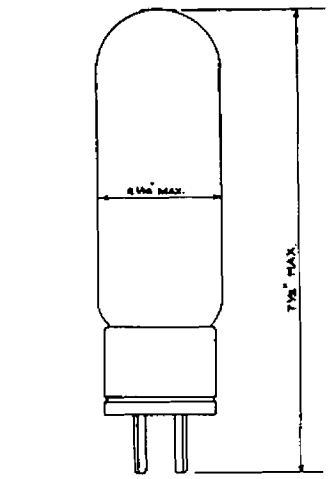
dc Amperes output (maximum)	2.5
Instantaneous Amperes output (maximum)	10
Maximum time of averaging anode current (seconds)	5
Maximum peak inverse volts	900
Filament volts	2.5
Filament amperes	11.5 ± 1
Filament heating time (seconds)	15
Typical arc drop at 5 amperes peak (volts)	10
Typical Anode starting voltage (volts)	10
Maximum ac short circuit current (amperes)	150
Condensed mercury temperature limits (°C) *	0 to + 90
Approx. temp. rise, cond. merc. above ambient, no load (°C)	18
Approx. temp. rise, cond. merc. above ambient, full load (°C)	28
Mounting position	vertical, base down
Net weight (ounces)	5
Approx. shipping weight (lbs.)	3

*The tube may be started and satisfactory operation will result between 0 and 90°C. For maximum life the condensed mercury temperature after warm-up should run between +40 and +90°C which corresponds to approximately +15 to +65°C ambient.

ALL DATA ARE BASED ON RETURNS TO FILAMENT TRANSFORMER CENTER TAP

LIGHT FILAMENT BEFORE APPLYING LOAD

OUTLINE DRAWING



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