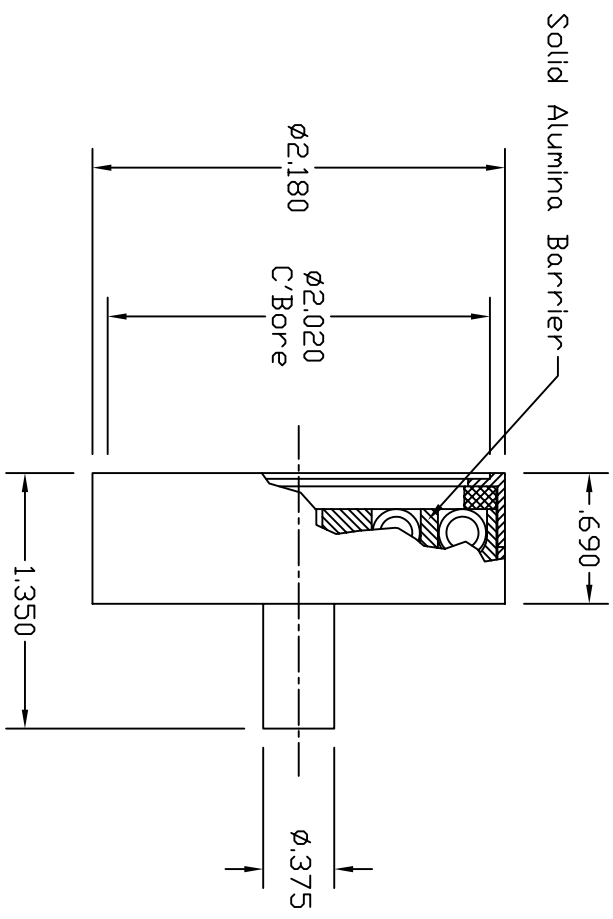
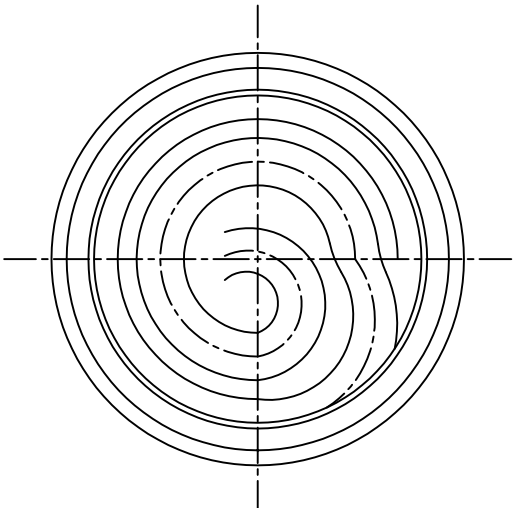


Dash # Next Assembly

- -

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	Design change to improve electrical insulation.	11/13/07	MC
B	Redesigned heater to have exposed filament.	7/23/08	MC
B1	Changed estimated operation numbers to reflect actual filament temps.	5/11/09	MC



- Notes:
- Estimated AC operation in air:
 - 9.9V, 10.4A @ 800°C
 - 13.5V, 13.0A @ 1000°C
 - 16.5V, 15.2A @ 1100°C
 - 18.9V, 16.8A @ 1200°C
 - For use in 101446 assembly:
 - Heat Shield Pack - 103779
 - Spacers - 103780-01 & 103780-02
 - Filament is exposed out to $\phi 1.75$.

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UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
XXXX = ±.005 XX = ±.020
FINISH 63 MICRONDINGHES
ANGLES 0 DEGREE ±30 MINUTES
EDGES AND CORNERS .005 R MAX

MATERIAL

DD NOT SCALE DRAWING

1	103776	High Power $\phi 2.0$ UHV/ $\phi 2$ Heater	1
Qty.	Part #	Description	Item #
<p>HeatWave Labs, Inc. 195 Aviation Way, Suite 100 (831) 722-9081 Watsonville, Ca. 95076 Fax: (831) 722-5491 Website: www.heatwave.com</p>			
DRAWN BY		DATE	
ENGR	M.Curtis	9/7/06	
SIZE	Cage Code	DWG. NO.	REV
A	1YAN4	103747	B1
High Power $\phi 2.0$ UHV/ $\phi 2$ Heater			
SCALE: 1x			SHEET: 1/1