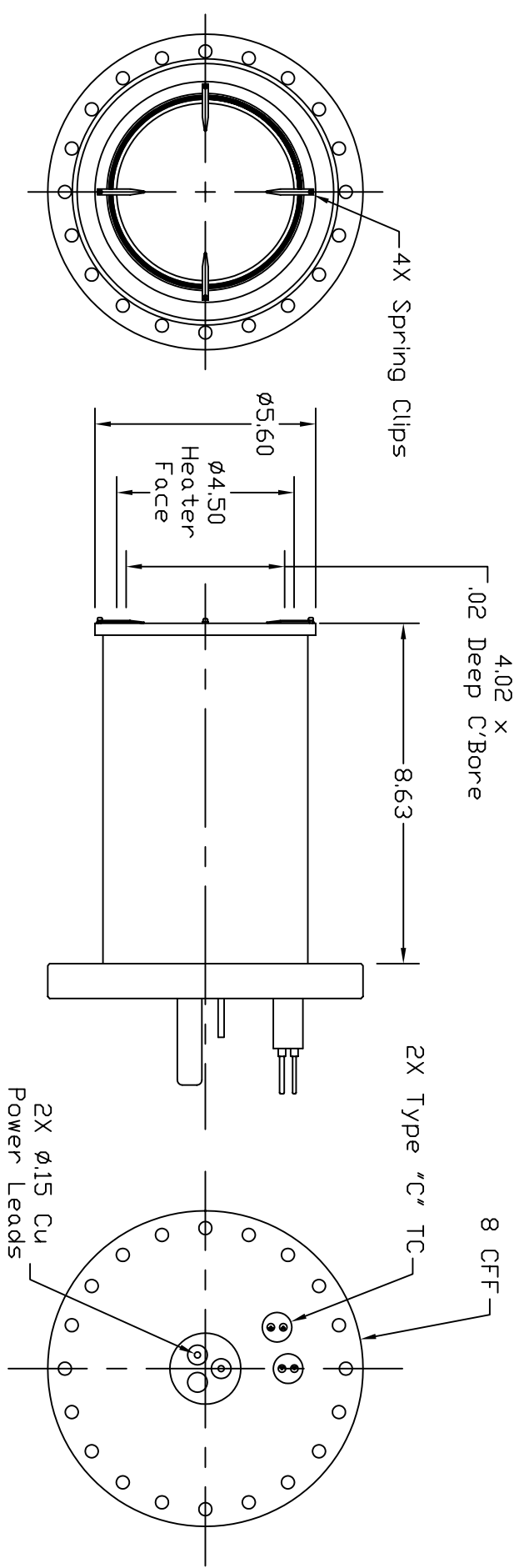


Dash #	Next Assembly
-	103454

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
1	Changed location and size of feedthrus.	3/21/06	MC



- Notes:
1. Heater filament will be sealed from atmosphere in chamber.
 2. Both TC's will be located inside the heater, on back of the substrate mounting surface. One will be on center and the other will be on a $\phi 2$.
 3. Estimated operation:
 - 4V, 20A @ 600°C
 - 6V, 23A @ 800°C
 - 10V, 33A @ 1000°C
 - 14V, 38A @ 1200°C

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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.
TOLERANCES ARE: XXX = $\pm .005$ XX = $\pm .020$ XXXX = $\pm .0005$ FINISH 63 MICRONDICES ANGLES 0 DEGREE ± 30 MINUTES EDGES AND CORNERS .005 R MAX
MATERIAL -
DD NOT SCALE DRAWING

1	103498	$\phi 4.0$ Heater, Mounted On 8 CFF	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.cathode.com</p>			
BY		DATE	
DRAWN	M.Curtis	2/10/06	
ENGR			
SIZE	Cage Code	DWG. NO.	REV
A	1VAN4	103452	1
THIRD ANGLE PROJECTION		SCALE: 0.25X	SHEET: 1/1