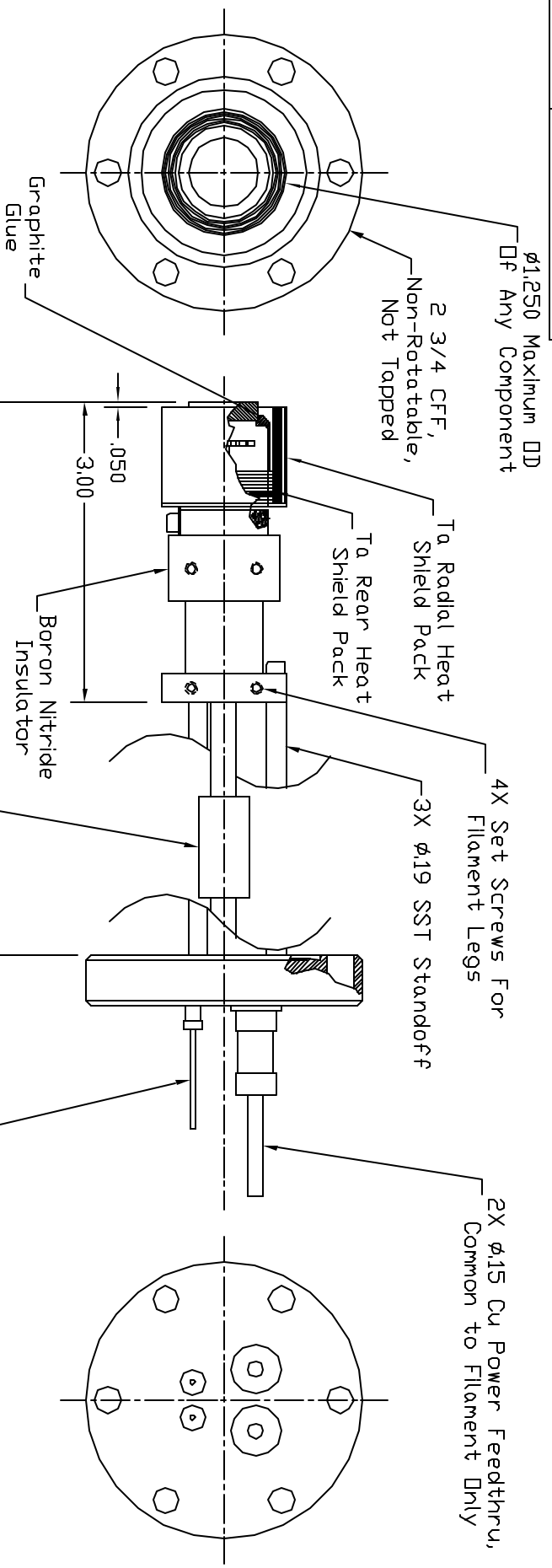


Dash #	Next Assembly
-	-

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



Hook Up Details To Be Determined During Assembly, In Line Power Coupler Shown For Filament Power Lead (2X)

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- Notes:
- The emitter will have a radial detail ground into the DD so a Graphite glue can be used to key and to fix the emitter into a Graphite body.
 - Estimated operation:
 - 1.9V, 45.3A @ 1227°C (1500°K)
 - 3.9V, 68.9A @ 1477°C (1750°K)
 - 5.4V, 81.5A @ 1627°C (1900°K)

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
xxx = ±.003 xx = ±.020
xxxx = ±.0015
FINISH 63 MICROINCHES
ANGLES 0 DEGREE 30 MINUTES
EDGES AND CORNERS .015 R MAX

MATERIAL

DD NOT SCALE DRAWING

1	104854	ϕ .69 LaB6 Cathode Assy.	-
Qty.	Part #	Description	Item #

HeatWave Labs, Inc.
195 Aviation Way, Suite 100 (831) 722-9081
Watsonville, Ca. 95076 Fax: (831) 722-5491
Website: www.cathode.com

BY	DATE	SIZE	Code Code	DWG. NO.	REV
ENGR	M.Curtis 7/28/08	A	IVAN4	104848	-
DRAWN		SCALE: 0.65X		SHEET: 1/1	
MATERIAL		HARD ANGLE PROJECTION			