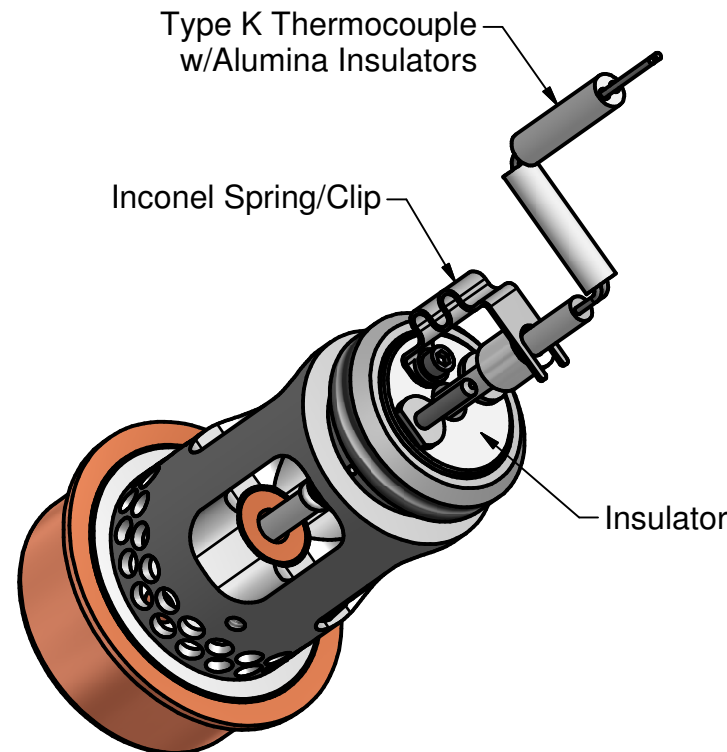
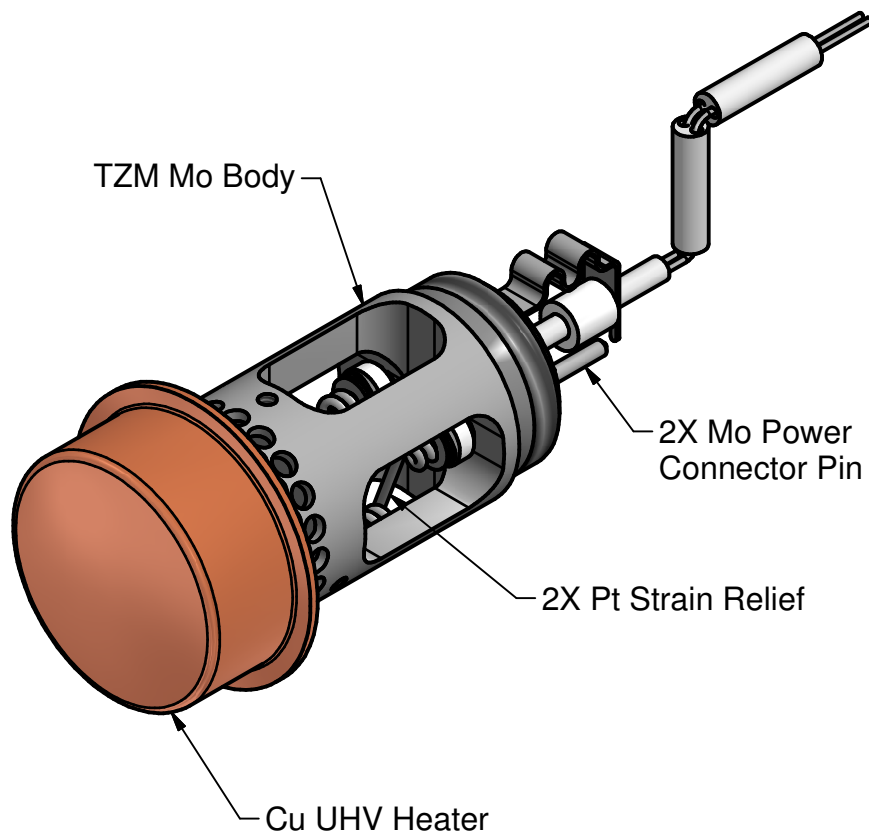




PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	107512	Cu Cathode, 3rd Generation, BOM

B



B

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Notes:

- Estimated operation (filament temperature):  
7.1V, 4.0A @ 900 °C  
9.9V, 4.6A @ 1000 °C
- Assembly is clean and packaged for UHV use.
- Filament is floating.
- TC Spring/Clip does not clear #3/4-10 thread minor diameter. It must be placed after assembly is mounted to cathode mount.
- TC is insulated with an Alumina tube and potted for isolation

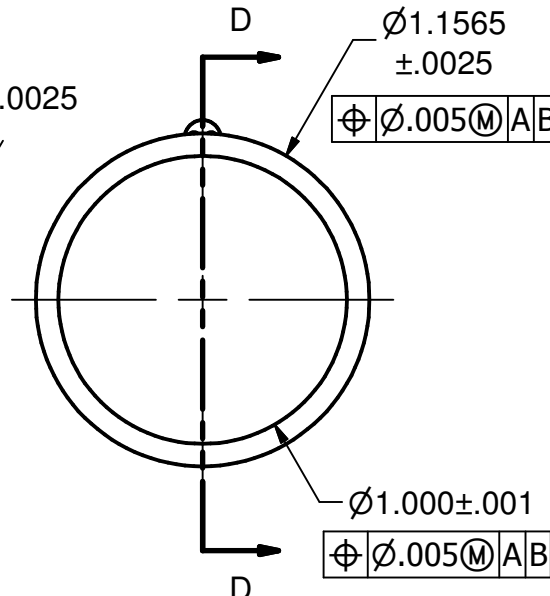
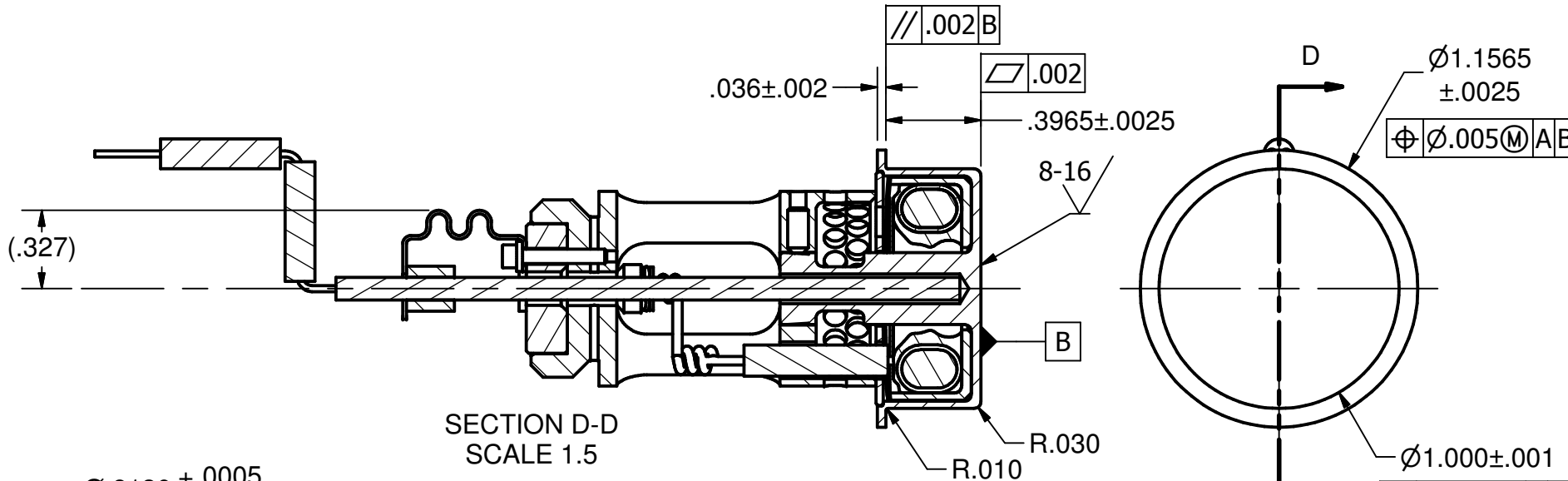
A

DRAWN mcurtis	2/8/2012
CHECKED	
QA	
MFG	
APPROVED	
Material:	

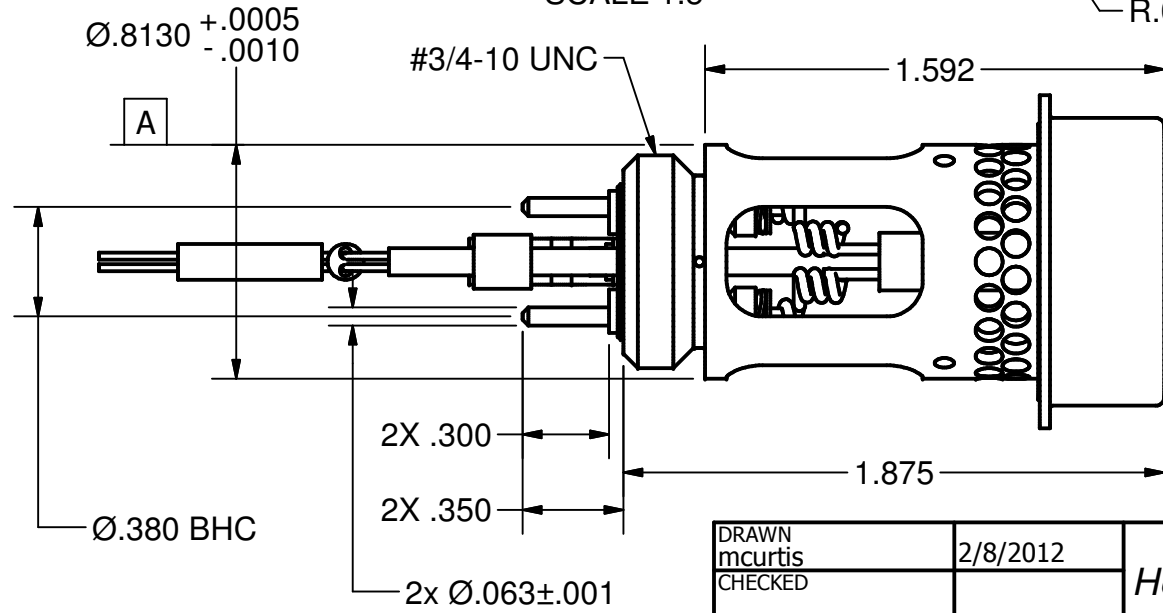
<i>HeatWave Labs, Inc.</i>		195 Aviation Way, Suite 100 P: 831-722-9081 Watsonville, CA 95076 F: 831-722-5491 www.cathode.com	
Cu Cathode Assembly, 3rd Generation			
SIZE A	Cage Code: 1YAN4	DWG NO 107350	REV
SCALE 1.5x			SHEET 1 OF 2

A





SECTION D-D  
SCALE 1.5



DRAWN	mcurtis	2/8/2012
CHECKED		
QA		
MFG		
APPROVED		

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 195 Aviation Way, Suite 100 P: 831-722-9081  
 Watsonville, CA 95076 F: 831-722-5491  
 www.cathode.com

### Cu Cathode Assembly, 3rd Generation

SIZE	A	DWG NO	107350	REV	
SCALE	1.5x	SHEET 2 OF 2			

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