

2



1

107515

PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	107572	Heater & Yoke Assembly
2	1	107573	2 3/4 CFF & Feedthru Assembly
3	2	#4 - 40 x 3/16	SST, SHCS, Silver Plated

2X Ø.094 Power Feedthru

One Pair Type K TC Feedthru

2 3/4 CFF, Non-Rotatable, Not Tapped

Ø1/2 SST Tube

1

3

Ø1.0 O2 Heater

SST Housing w/3 Sample Clips

4X Ceramic Standoff,
2X for Power Lead Strain Relief
2X for TC Lead Strain Relief

2

Replaceable Type K TC

DRAWN mcurtis	3/7/2012
CHECKED	
QA	
MFG	
APPROVED	
Material:	
-	

HeatWave Labs, Inc.

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

2 3/4 CFF Mounted 101491-02

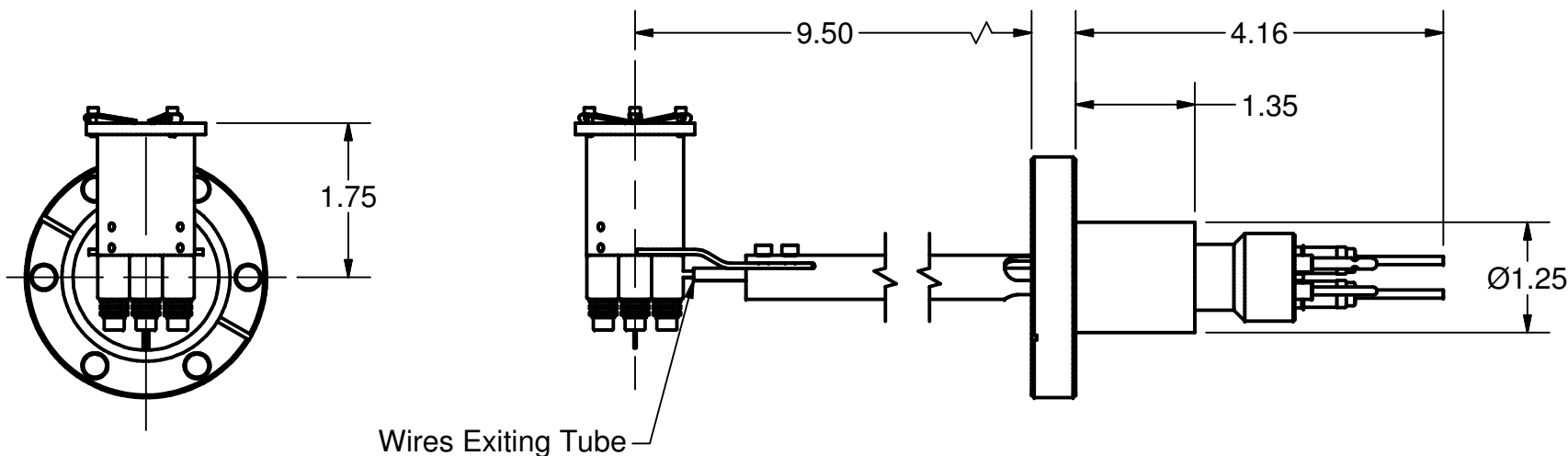
This document is the property of HeatWave Labs.
Its contents may not be reproduced without
express written permission of HeatWave Labs.

SIZE A	Cage Code: 1YAN4	DWG NO 107515	REV
SCALE 1/2	SHEET 1 OF 2		

2



1



Notes:

1. All parts must be clean for UHV use prior to assembly per MP-264.
2. Assembly must be handled with good clean room practice per MP-220.
3. Assembly should be bagged and purged with inert gas for shipment.
4. All views shown in fully assembled state. The BOM shows the breakdown for shipment.
5. The 2 3/4 CFF/Feedthru Assembly must be leak tight to 1×10^{-9} cc/sec Helium.
6. All wiring is not shown for clarity. The wires will be routed within the $\text{Ø}1/2$ tube to the heater. All connections will be made to the strain reliefs and disassembled at the factory for ease of customer hook up.

DRAWN mcurtis	3/7/2012
CHECKED	
QA	
MFG	
APPROVED	

<i>HeatWave Labs, Inc.</i>		195 Aviation Way, Suite 100 P: 831-722-9081	
		Watsonville, CA 95076 F: 831-722-5491 www.cathode.com	
2 3/4 CFF Mounted 101491-02			
SIZE A	DWG NO 107515	REV	
SCALE 1/2	SHEET 2 OF 2		

This document is the property of HeatWave Labs. Its contents may not be reproduced without express written permission of HeatWave Labs.

