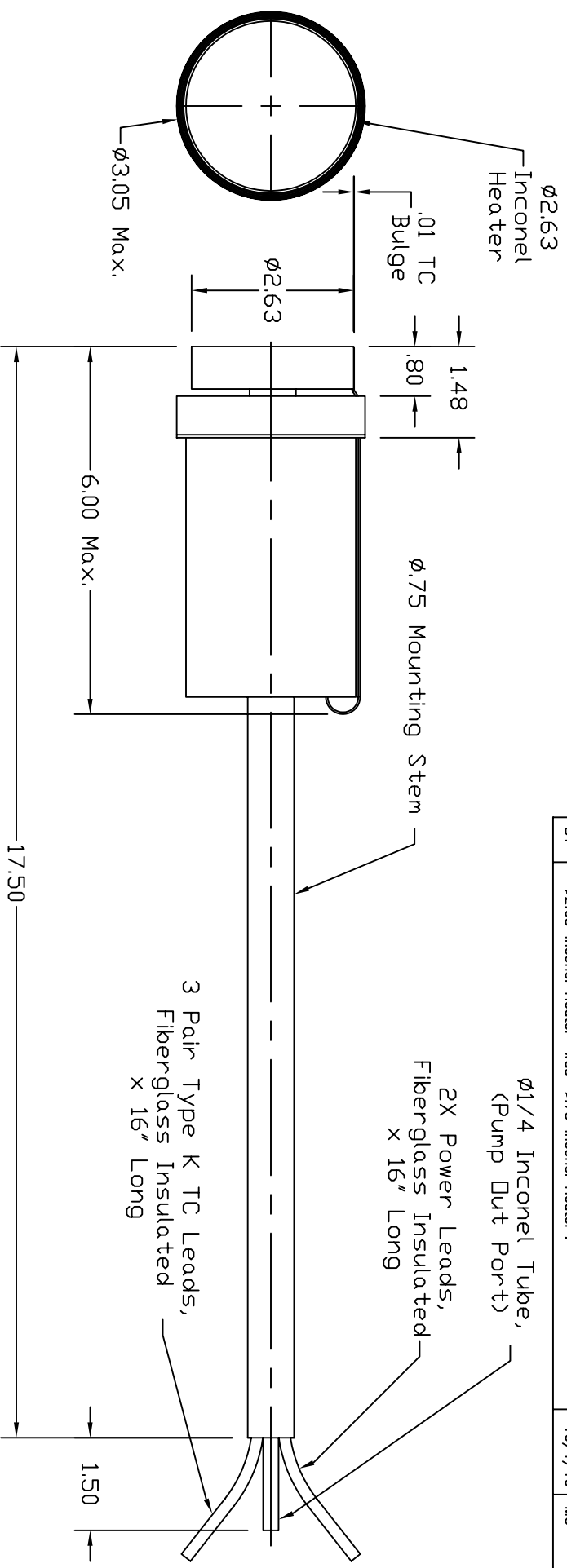


Dash #	Next Assembly
-	-

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	Added third TC to outside and deleted front heat shield.	5/4/07	MC
B	Changed puck diameter to 2.625 per customer request.	5/10/07	MC
B1	"Ø2.63 Inconel Heater" was "Ø.75 Inconel Heater".	10/1/10	MC



- Notes:
- Filament to be sealed from Chamber atmosphere.
 - Estimated operation:
 7.4V, 15A @ 600°C
 12.0V, 19A @ 800°C
 18.4V, 25A @ 1000°C

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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XXX = ±.005 XX = ±.020 XXXX = ±.0005 FINISH 63 MICRONS ANGLES 0 DEGREE ±30 MINUTES EDGES AND CORNERS .005 R MAX
MATERIAL
-

1	103412	Ø2.75 Differentially Pumped Htr.	1
Qty.	Part #	Description	Item #
BY DATE ENGR M.Curtis 1/18/06 DRAWN ENGR			
HeatWave Labs, Inc. 195 Aviation Way, Suite 100 (831) 722-9081 Watsonville, Ca. 95076 Fax: (831) 722-5491 Website: www.cathode.com			
Ø2.75 Differentially Pumped Heater		DWG. NO.	REV
SIZE A Cage Code 1YAN4		103411	B1
THIRD ANGLE PROJECTION		SCALE: 0.4X	SHEET: 1/1

DD NOT SCALE DRAWING