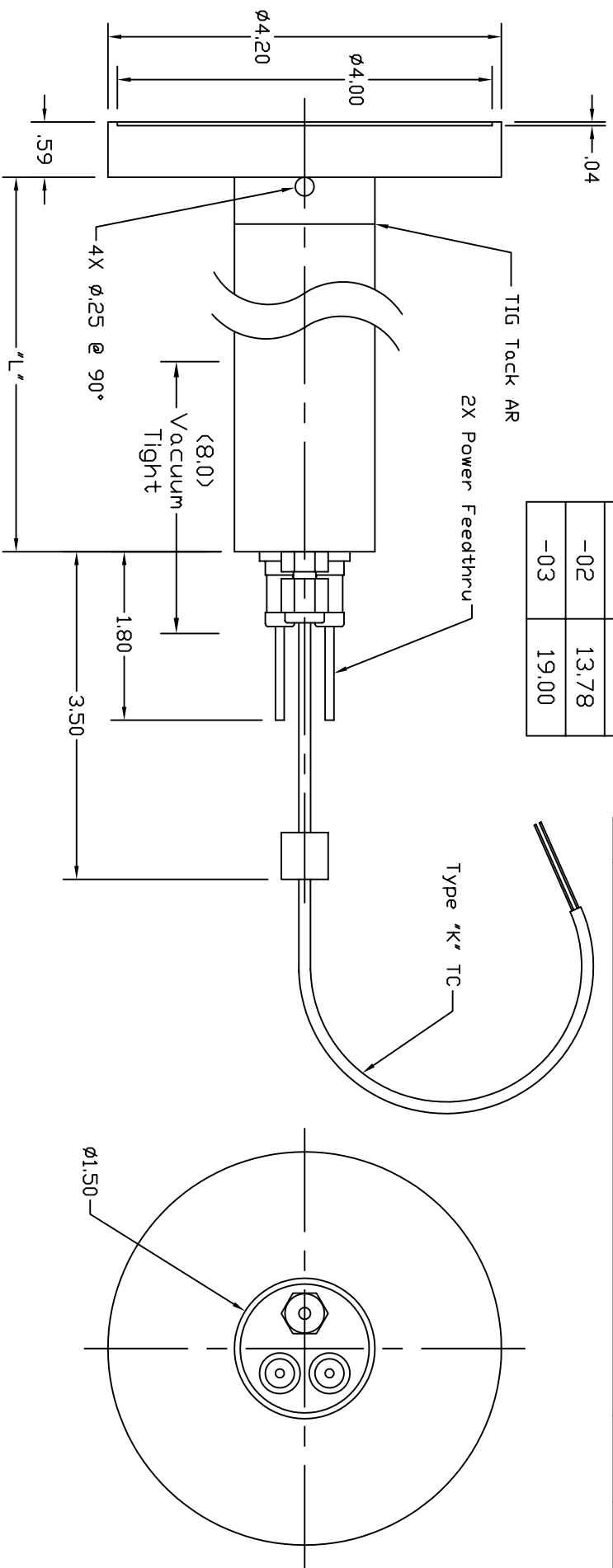


Dash #	Next Assembly
-	-

Table A

Dash #	"L"
-01	15.75
-02	13.78
-03	19.00

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	Added dash numbers and Table A.	6/10/04	MC
A1,2	Added dash number -03, estimated operation.	1/30/06	MC



- Notes:
1. Thermocouple is optional.
 2. Estimated operation: 40V, 28A @ 960°C

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Qty.	Qty.	Qty.	Part #	Description	Item #
-03	-02	-01			
1	-	-	102264-03	$\phi 4.0$ UHV Heater	1
-	1	-	102264-02	$\phi 4.0$ UHV Heater	1
-	-	1	102264-01	$\phi 4.0$ UHV Heater	1

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

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

BY DATE
 ENGR M.Curtis 4/30/03

SIZE $\phi 4.0$ UHV Heater
 Cage Code DWG. NO. 102263
 1YAN4 REV A2

THIRD ANGLE PROJECTION SCALE: 06X SHEET: 1/1