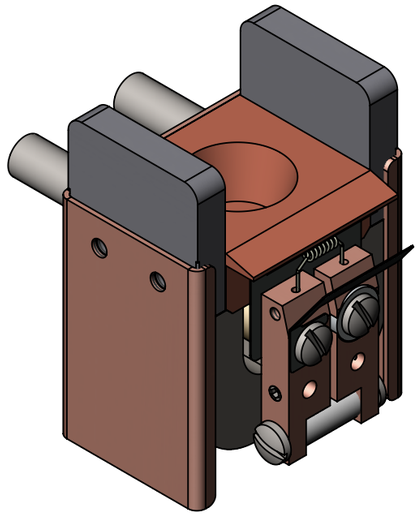

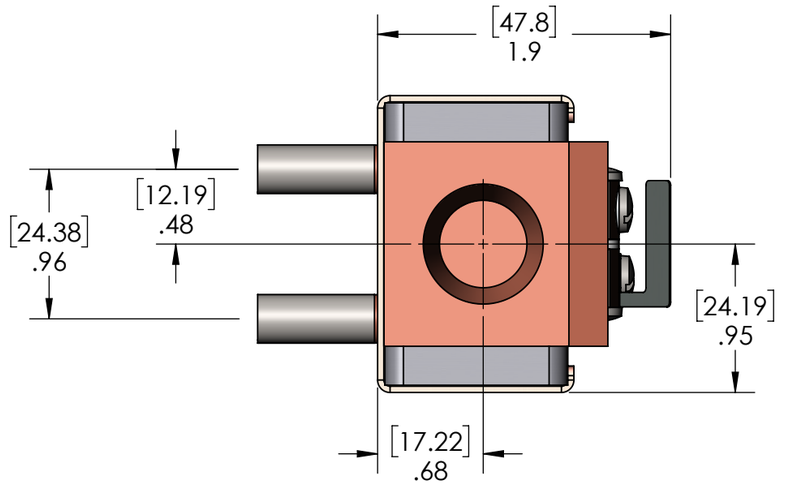

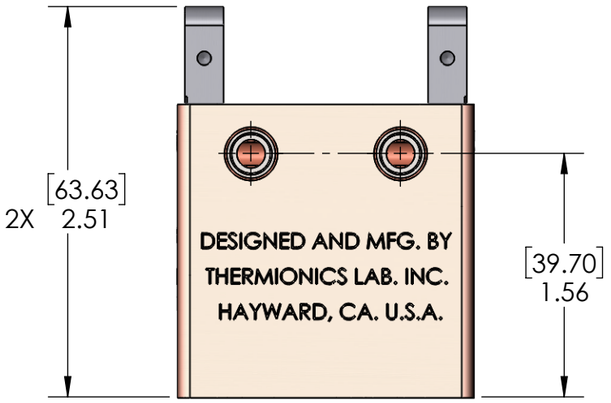

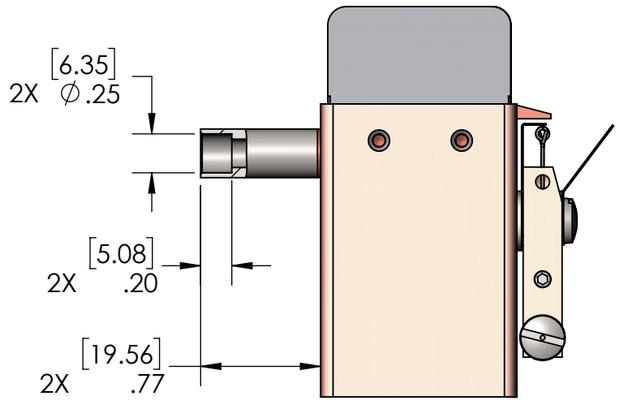

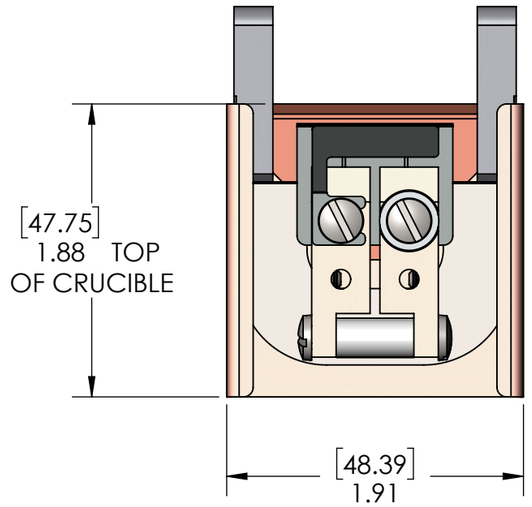

DIMENSIONS IN [X.XXX] ARE IN mm.

SPECIFICATIONS:

* OPERATING PRESSURE: BELOW 5x10^{-5} TORR IS DESIRABLE FOR BEST RESULTS.
* BEAM VOLTAGE: 4,000 V
* BEAM CURRENT: 0-750 mA, CONTINUOUSLY VARIABLE.
* MAXIMUM POWER: 3,000 W
* MAXIMUM BAKEOUT TEMPERATURE: 230°C (446°F).
* FEEDTHRU REQUIREMENTS: 2X 7kV 50A.
* CRUCIBLE VOLUME: 2.24cc

PROPRIETARY AND CONFIDENTIAL

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DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ± N/A
ANGULAR: MACH ± BEND ± .5°
ONE PLACE DECIMAL ±.1
TWO PLACE DECIMAL ±.01
THREE PLACE DECIMAL ±.005
SURFACE FINISH 63 R.M.S.

FINISH:

thermionics laboratory, inc.

DO NOT SCALE DRAWING | REVISION

thermionics laboratory inc.
3118 Depot Rd., Hayward Ca. 94545

	NAME	SIGNATURE	DATE		USED ON	NEXT ASSY.
DESIGN/ENG.						FINAL
CHK'D						
APPV'D						
MFG						
Q.A				MATERIAL:		
				WEIGHT: ~1.1 lbs.		

TITLE:

3kW SINGLE POSITION e-GUN(TM), OUTLINE DRAWING

DWG NO. 100-0010 | A3

SCALE:1:1 | SHEET 1 OF 1