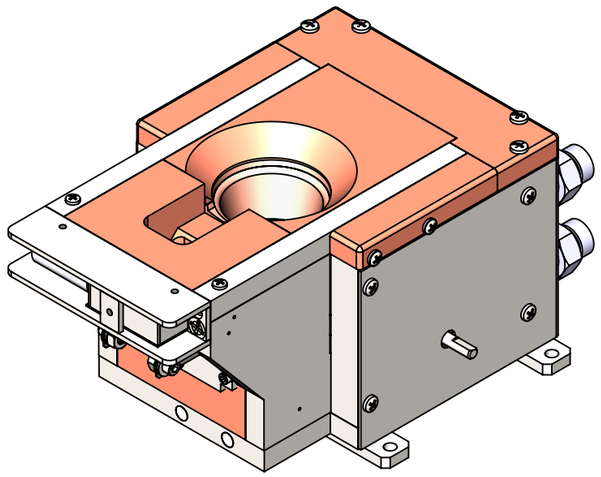

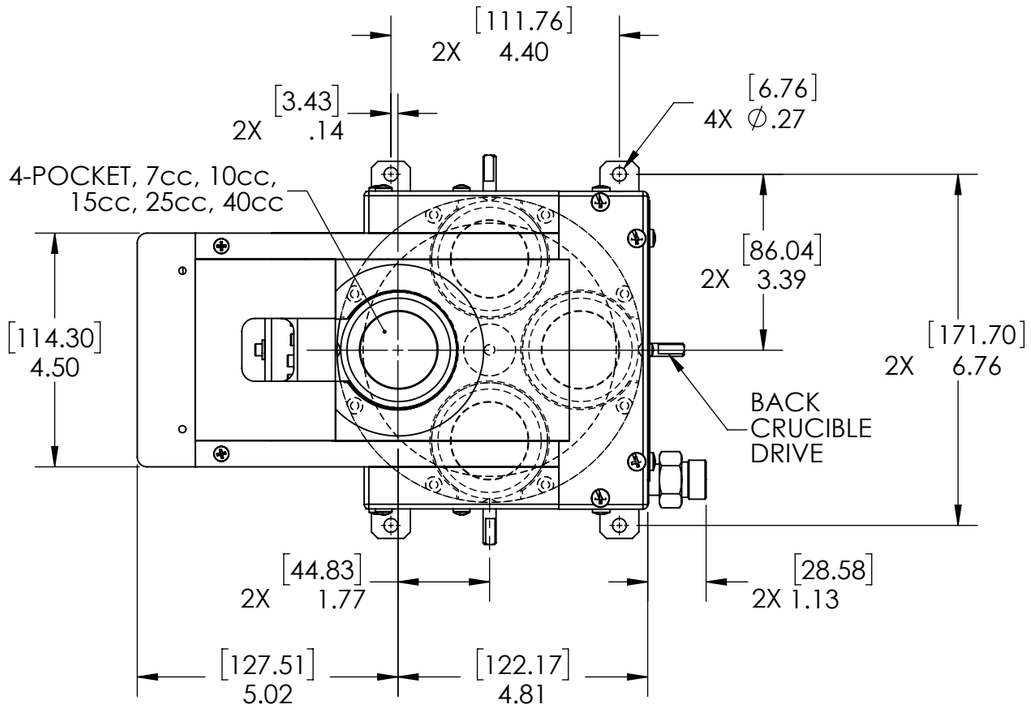

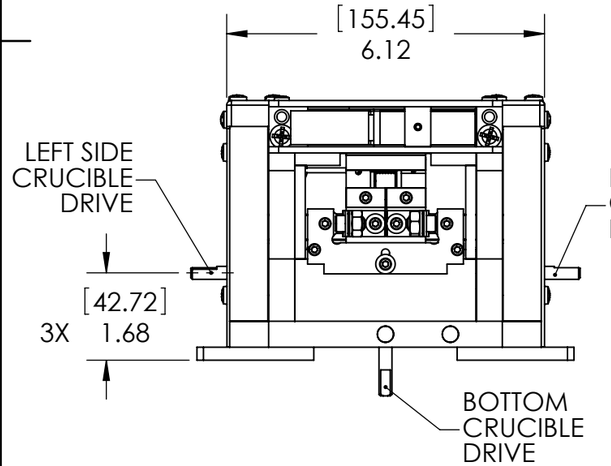

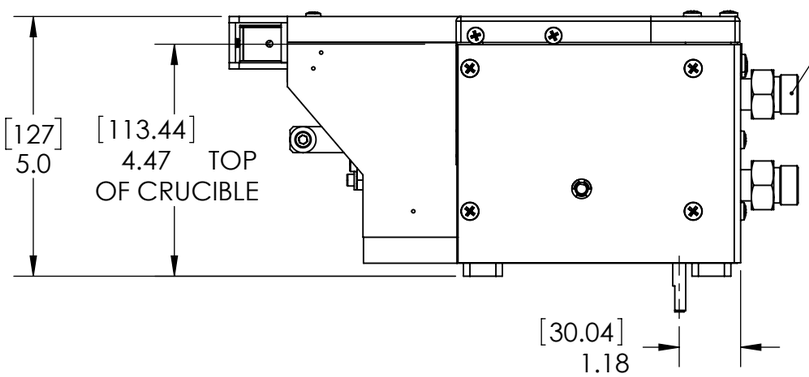

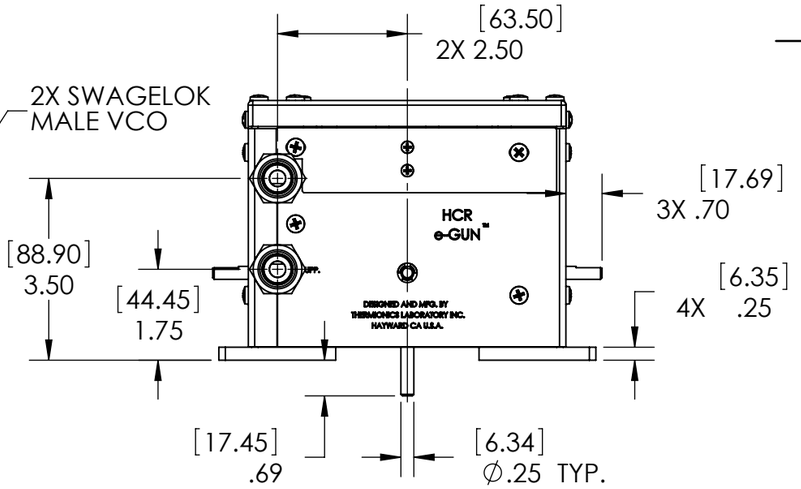

SPECS.
* MAXIMUM POWER 10kW
* EMISSION VOLTAGE -6 TO -10kV
* EMISSION CURRENT 0 TO 1A
* FILAMENT 700W
* e-BEAM DEFLECTION 270°
* BEAM SPOT SIZE ∅.25", TIGHT BEAM
* WATER 3 GPM, 20°C, 50 PSI PRESSURE DIFFERENTIAL
* BAKEOUT TEMPERATURE 120°C (248°F)

NOTES:
1. ALL DIMENSIONS IN [X.XX] ARE IN mm.
2. ALL WELDS TO BE VAC. TIGHT TO $2x10^{-10}$ MIN. SENSITIVITY.
3. APPROXIMATE WEIGHT 39lbs.

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:		

TITLE:
HCR e-GUN(TM), 4-POCKET OUTLINE DRAWING

DWG NO. 113661 | A3

WEIGHT: 39 lbs. | SCALE:1:3 | SHEET 1 OF 1