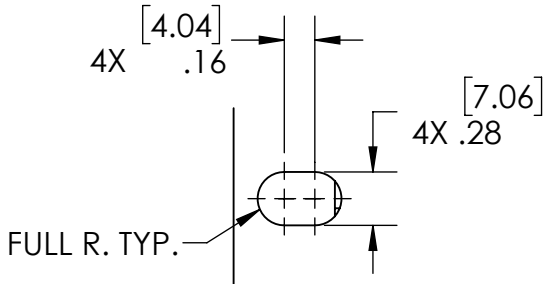


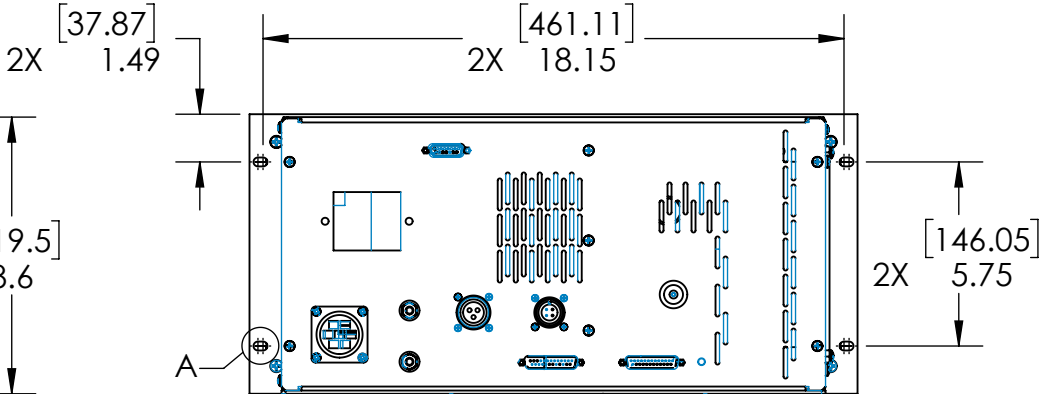
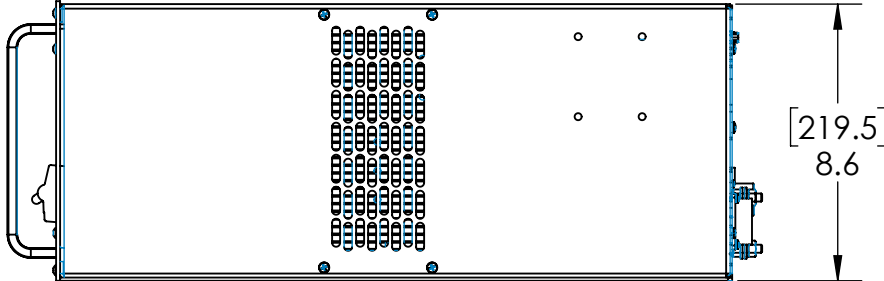
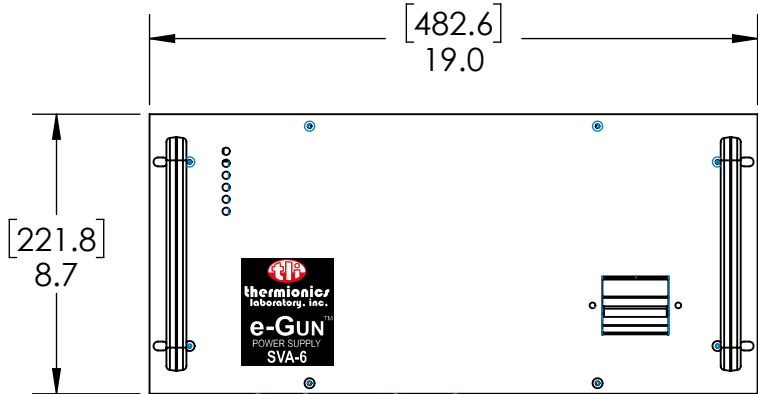
2X

[41.6]
1.6

[431.8]
17.0




DETAIL A
SCALE 1:1



NOTE:
1. DIMENSIONS IN [X.XX] ARE IN mm.

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<div>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.</div>							FINISH:		<div> thermionics laboratory, inc.</div>		DO NOT SCALE DRAWING		REVISION	
									<div>thermionics laboratory inc. 3118 Depot Rd., Hayward Ca. 94545</div>					
	NAME	SIGNATURE		DATE		USED ON	NEXT ASSY.	<div>TITLE:</div> <div>SVA-6 SOLID STATE POWER SUPPLY, OUTLINE DRAWING</div>						
DESIGN/ENG.							FINAL							
CHK'D														
APPV'D														
MFG														
Q.A						MATERIAL:		DWG NO.			SVA-6		A3	
						WEIGHT: 56 lbs.		SCALE:1:6		SHEET 1 OF 2				

WEIGHT: 56 lbs.


SCALE: 1:6

SHEET 1 OF 2

- * POWER 6kW
- * All SOLID STATE SWITCH MODE DESIGN
- * MAX POWER 600mA @ -0kV TO -8kV OR -0kV TO -10kV
- * RESPONSE TIME <50 MICROSECONDS
- * SOURCE FILAMENT 50A MAX @ 8VAC
- * PROCESS CONTROL VOLTAGE +10VDC
- * RUGGED WELL OVERRATED IGBT INVERTER FOR SUPERIOR RELIABILITY
- * EXTENSIVE ARC MANAGEMENT FOR OUTSTANDING PERFORMANCE, FASTEST ARC RECOVERY, ARC COUNTER AND ARC DURATION SENSOR
- * ADJUSTABLE VOLTAGE 0 TO -8kV WITH PRECISE REGULATION (<+/- 0.25%) FOR STABLE BEAM POSITION, ULTRA LOW RIPPLE FOR MINIMUM BEAM SIZE.
- * CONSTANT EMISSION CURRENT REGULATION <+/- 0.5%
- * FULL REMOTE OPERATION FROM PLC OR OPTIONAL HANDHELD FOR BOTH HIGH VOLTAGE AND SOURCE
- * 19 INCH RACK MOUNTABLE, ULTRA COMPACT CHASSIS
- * AIR COOLED
- * DUAL CHANNEL OPTIONAL
- * CE VERSION



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						TITLE:		SVA-6 SOLID STATE POWER SUPPLY, OUTLINE DRAWING	
						DWG NO.		SVA-6	
						SCALE:1:6		SHEET 2 OF 2	