


SPECIFICATIONS:
 *POWER OUTPUT: 10 kW/10kV 0 TO 1.0A
 *CRUCIBLE VOLUME: 15 cc
 *WEIGHT: 5 lbs.
 *FILAMENT: 12 VAC 60 A
 *ELECTRON BEAM: 270° DEFLECTION
 *BEAM SPOT SIZE: ϕ .25" (APPROXIMATE)
 *CRUCIBLE: OFHC COPPER
 *BAKEOUT TEMPERATURE: 230° (446 °F)
 *WATER: 3.0 gpm (FILTERED) AT 70 PSI
 *MINIMUM WATER TUBE SIZE: ϕ 5/16"
 *PRESSURE DIFFERENTIAL: 50 PSI MINIMUM
 *X AND Y SWEEP (0 TO ABOVE 200 Hz)

PROPRIETARY AND CONFIDENTIAL
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DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL \pm N/A ANGULAR: MACH \pm BEND \pm .5° ONE PLACE DECIMAL \pm .1 TWO PLACE DECIMAL \pm .01 THREE PLACE DECIMAL \pm .005 SURFACE FINISH 63 R.M.S.		FINISH:				DO NOT SCALE DRAWING	REVISION																																		
<table border="1"> <tr> <th>DESIGN/ENG.</th> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> <th>USED ON</th> <th>NEXT ASSY.</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td>CHK'D</td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td>APPV'D</td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td>MFG</td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td>Q.A</td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>		DESIGN/ENG.				NAME	SIGNATURE	DATE	USED ON	NEXT ASSY.							CHK'D						APPV'D						MFG						Q.A						thermionics laboratory inc. Hayward Ca. 94545
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WEIGHT: ~5 lbs.		DWG NO. 113868		A3																																					
SCALE: 1:2		SHEET 1 OF 1																																							