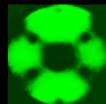


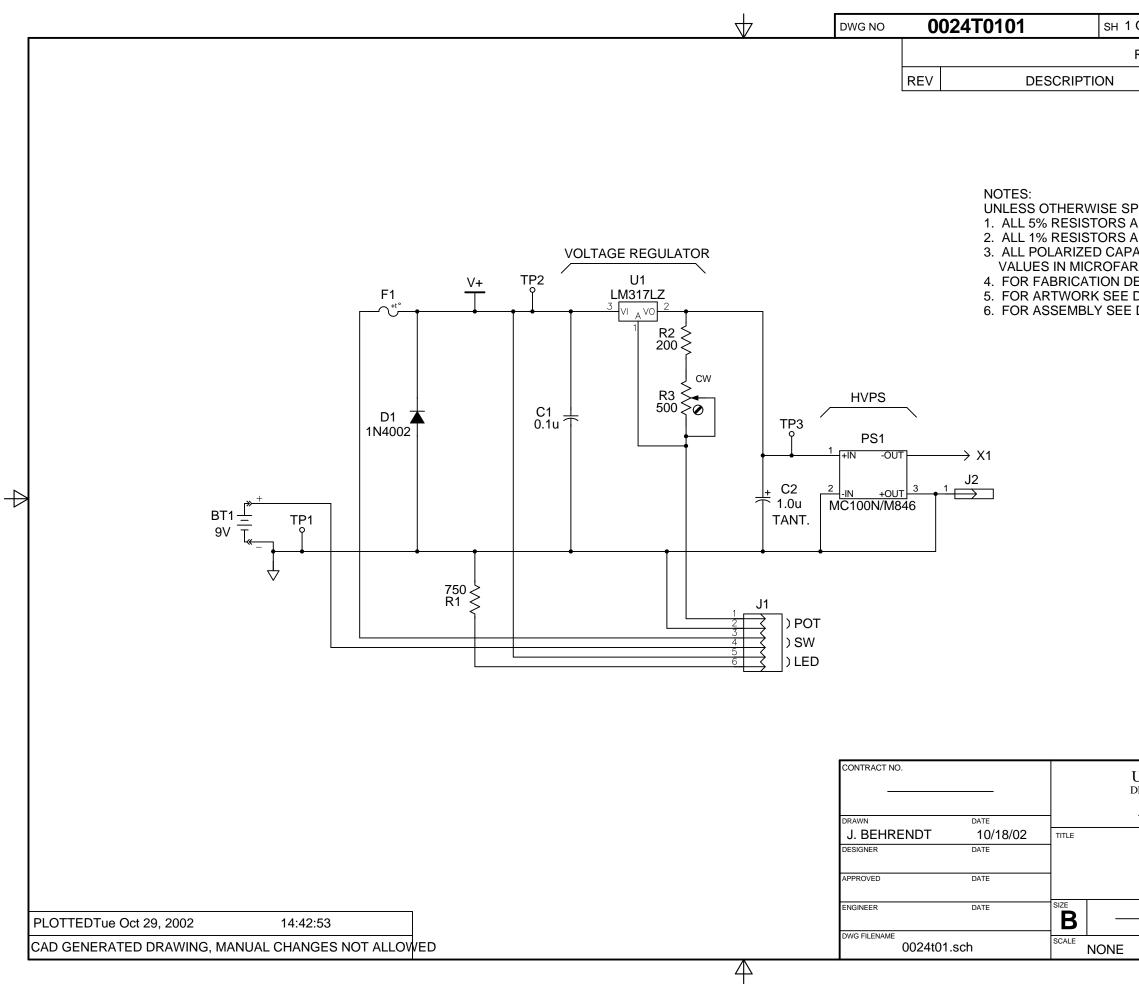
Operating Instructions

Darken the room. Turn the HV control knob clockwise until it clicks. The power indicator should be illuminated. Continue to turn the knob until an image similar to the one shown below appears on the phosphor coated anode.

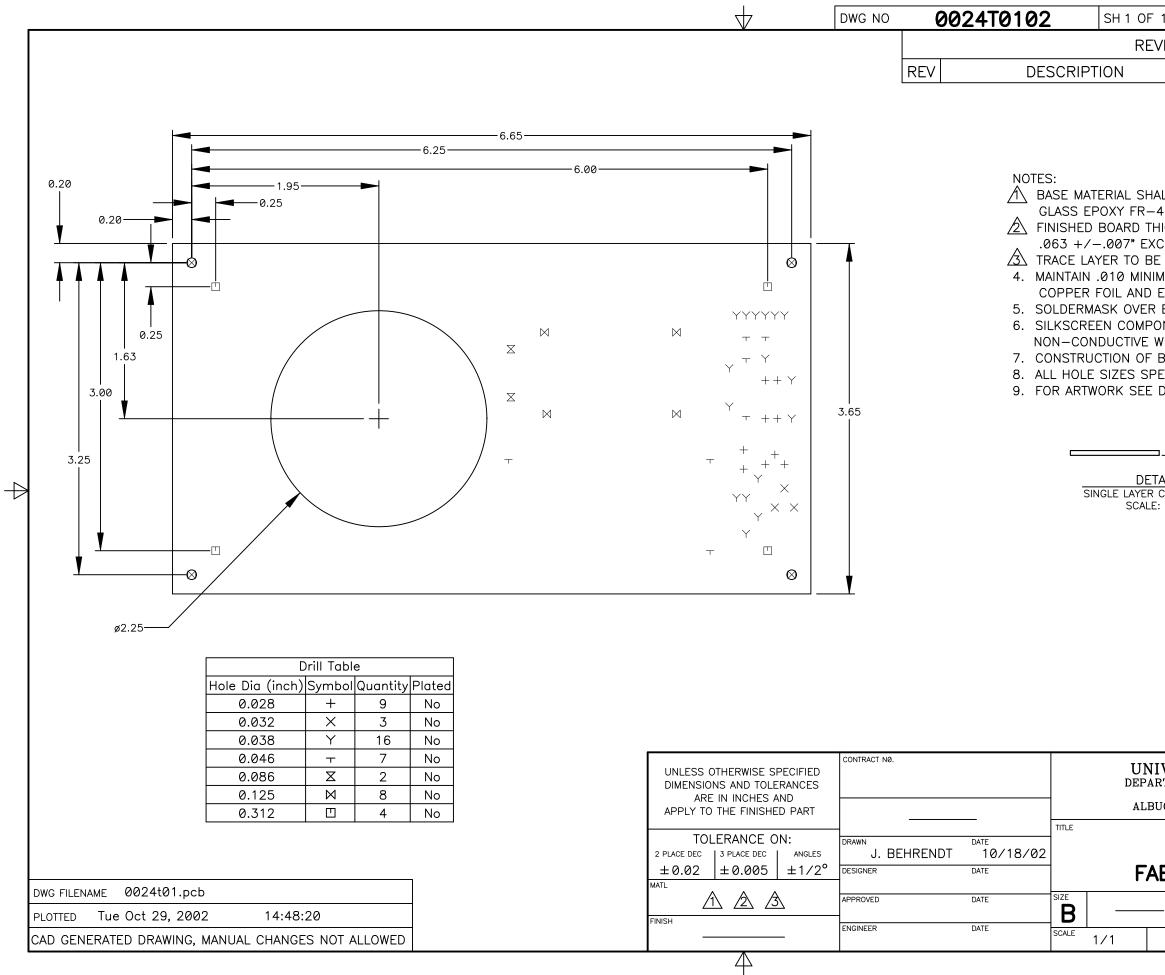


Warning: Turn the HV control knob to zero if the intensity of the image fluctuates or a bright spot suddenly appears. The tube can be damaged if this warning is ignored.

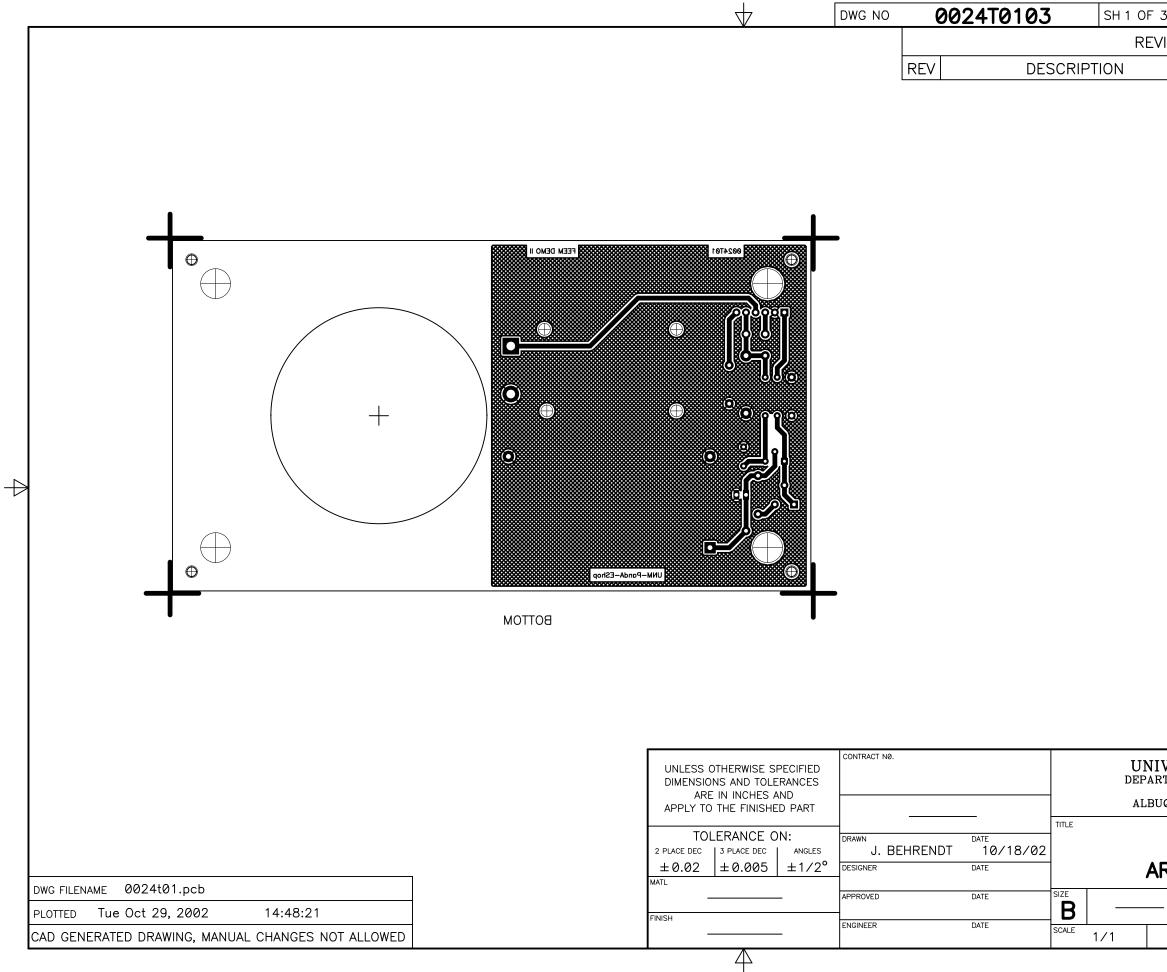
At the conclusion of the demonstration turn the HV control knob counterclockwise until it clicks. The power indicator should extinguish.



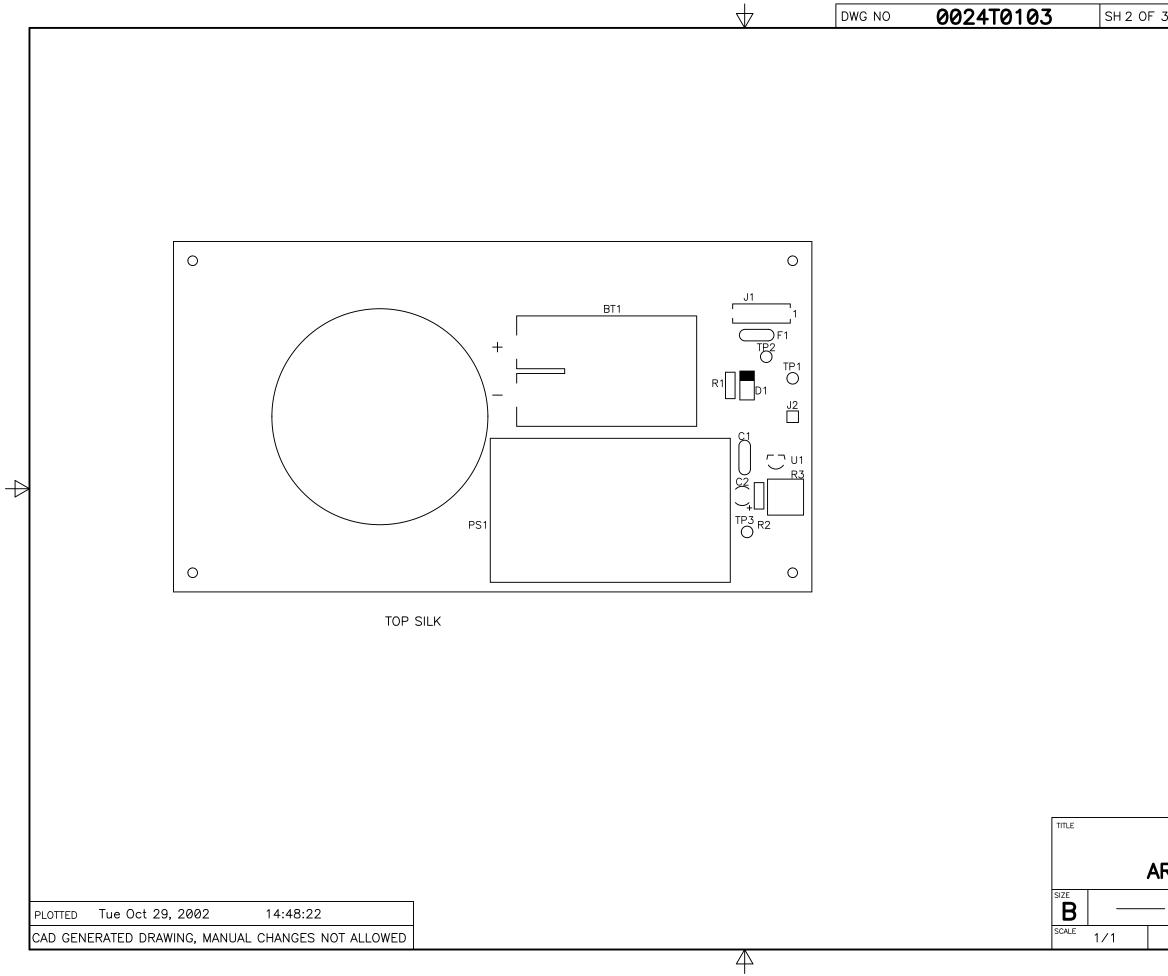
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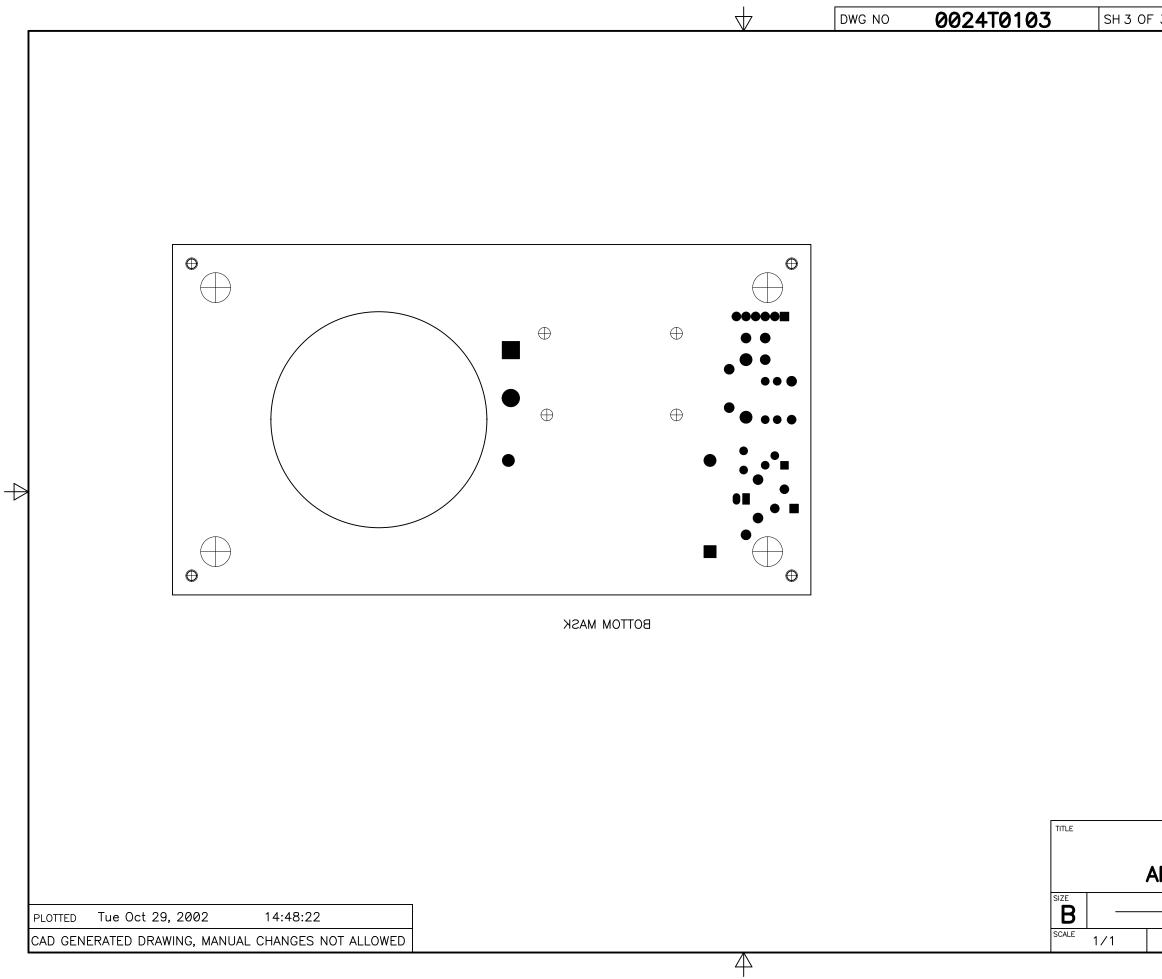
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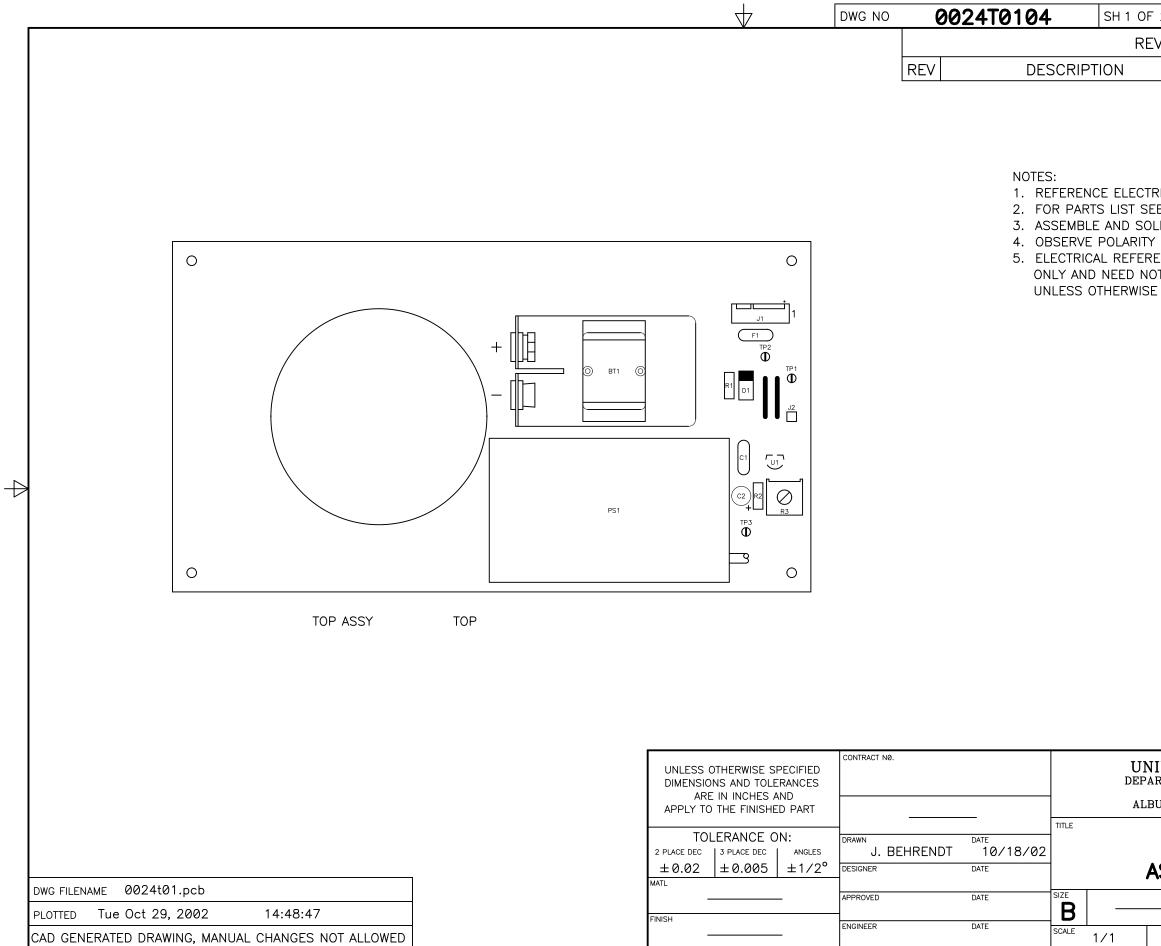
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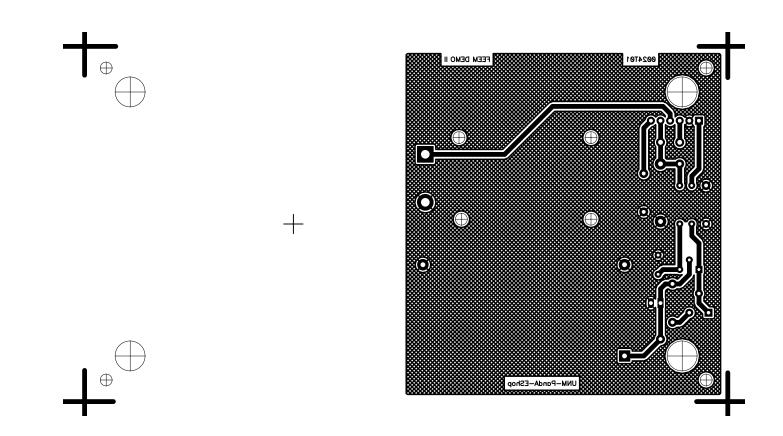
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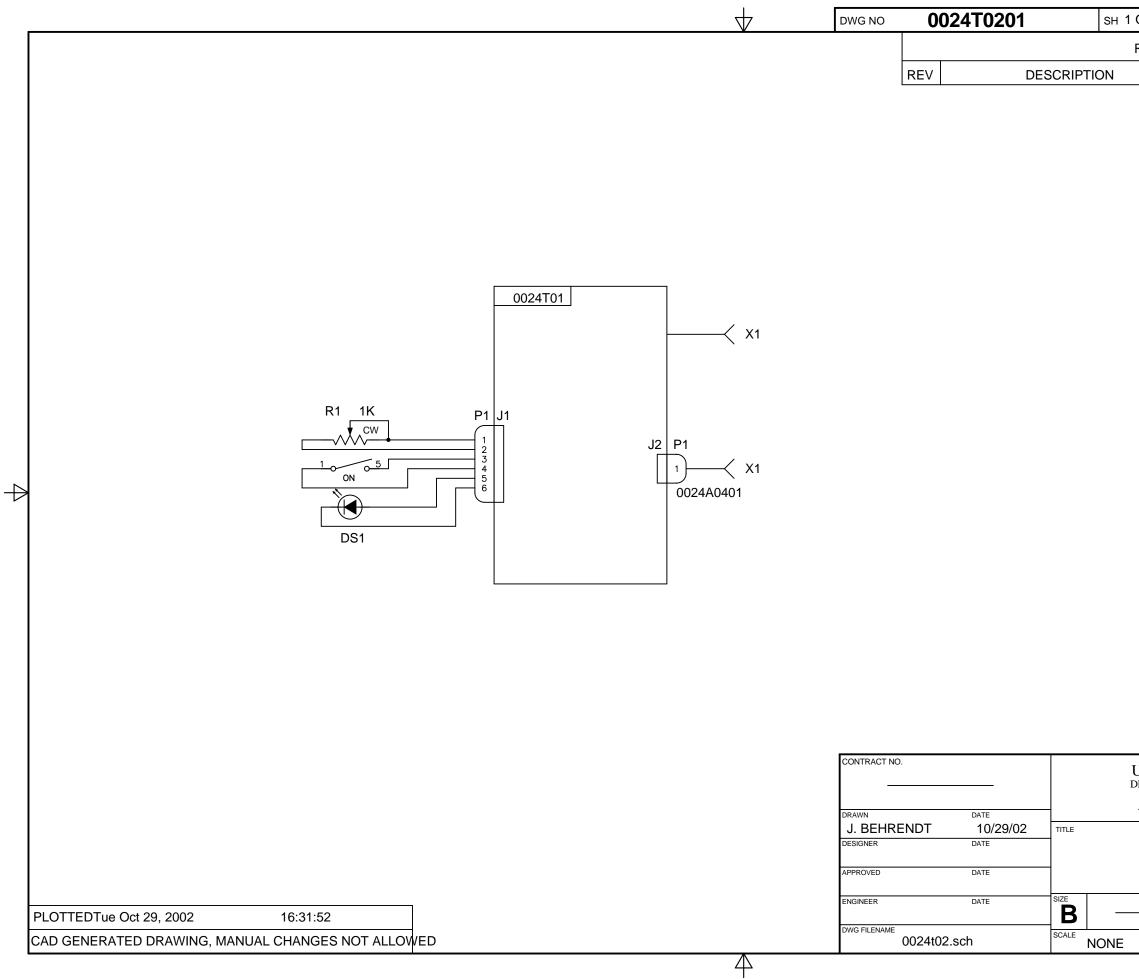
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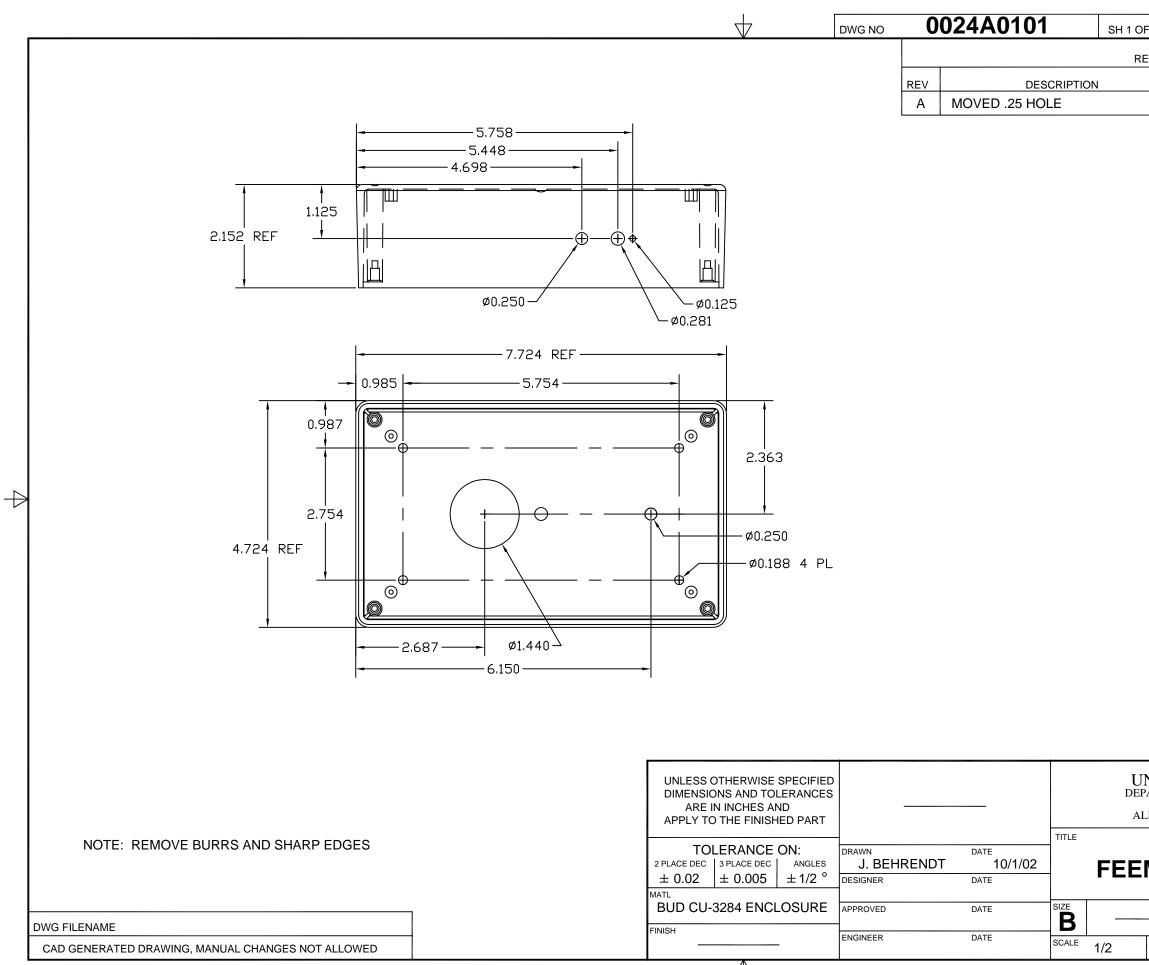


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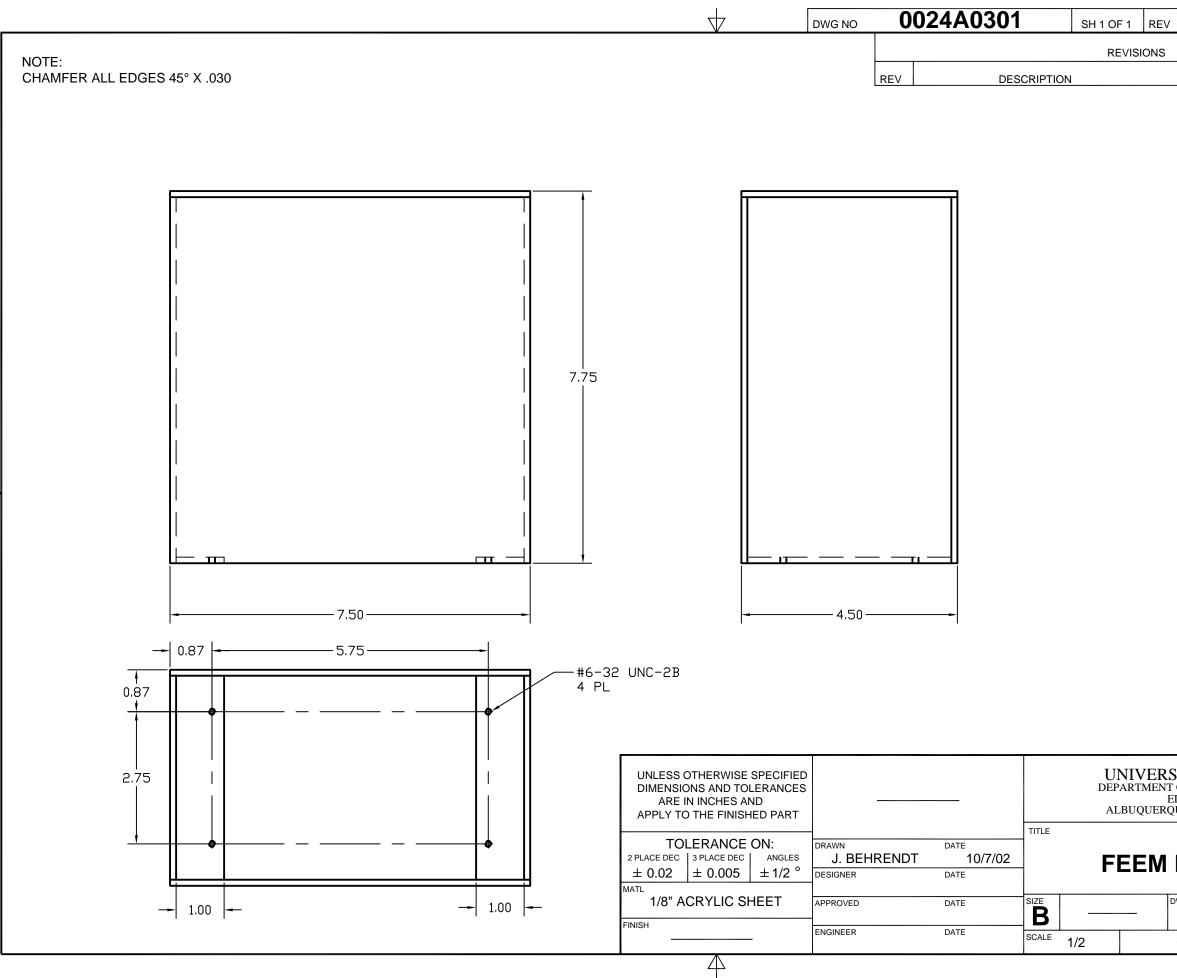




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FEEM DEMO II PARTS LIST

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COUNT	REFDES	DESCRIPTION	MPN	MFR			
	PCB PARTS						
1	BT1	BATTERY HOLDER, 9V	1291	KEYSTONE			
1	C1	CAP., CERDISC	ECUS1H104KBB	PANASONIC			
1	C2	CAP., TANTALUM ELEC., 1.0UF, 35V	ECS-F1VE105K	PANASONIC			
1	D1	RECTIFIER, 1A, 200V	1N4002				
1	F1	FUSE, RESETTABLE, PTC, 5A	60R025	LITTLEFUSE			
1	J2	PIN, 25 MIL SQ.	PTC36SAAN	SULLINS			
1	J1	HEADER, STR., .100", 6 POS.	22-23-2061	MOLEX			
1	PS1	MODULE, HV, 10KV	MC100N/M846	GAMMA HIGH VOLTAGE			
1	R1	RESISTOR, CF, 1/4 W,5%, 750 OHM	CFR-25JB-750R	YAGEO			
1	R2	RESISTOR, CF, 1/4 W,5%, 200 OHM	CFR-25JB-200R	YAGEO			
1	R3	POTENTIOMETER, 500 OHM	3386F-501	BOURNS			
1	TP1	TEST POINT, MINIATURE, BLACK	5001	KEYSTONE			
1	TP2	TEST POINT, MINIATURE, RED	5000	KEYSTONE			
1	TP3	TEST POINT, MINIATURE, YELLOW	5004	KEYSTONE			
1	U1	I.C., VOLTAGE REGULATOR, TO-220	LM317T	NATIONAL			

ADDITIONAL PARTS					
1	DS1	LED, PNL MT, YELLOW	5100H7	CML	
1	R1	POTENTIOMETER, 1K W/SWITCH	313-1100-1K	XICON/ALPHA	
1	X1	SOCKET, LAMP	8101	LEVITON	
4		BUMPER, RECESSED, .50X.24	720	KEYSTONE	
1		FEEM DEMO II SHIELD	0024A03		
1		FEEM TUBE ANODE CABLE	0024A02		
4		SCREW, MACH., 36-32X1/4	OBD		
4		SCREW, SHEET MET., #4X1/4	OBD		
4		SCREW, MACH., #4-40X1/2	OBD		
4		LOCK WASHER, #4, INT TOOTH	OBD		