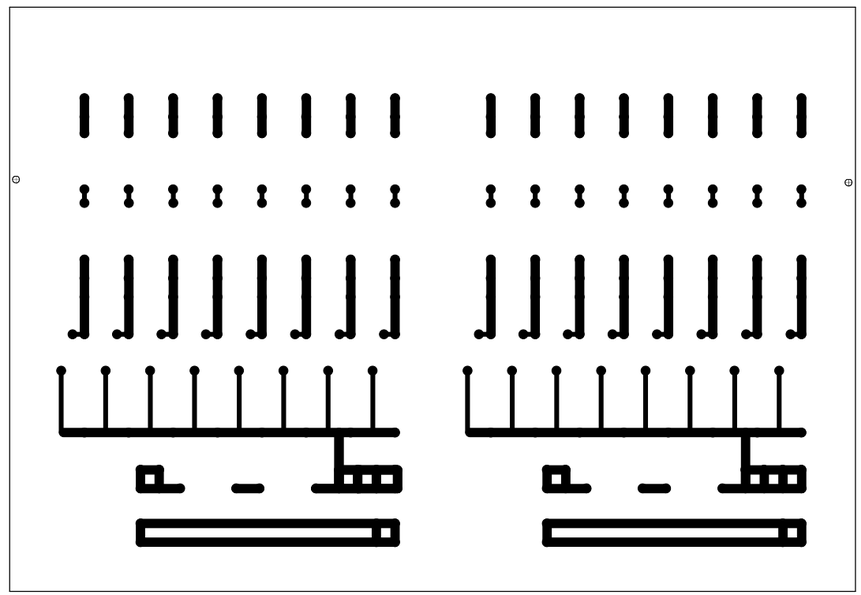
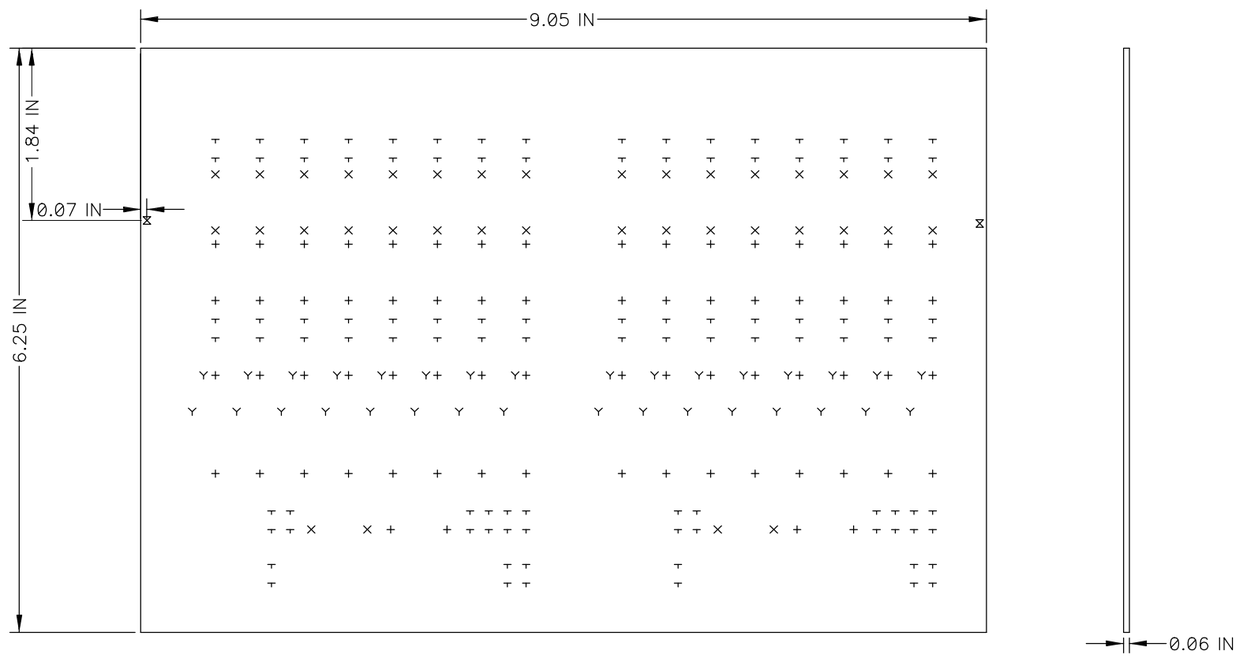


135Y299083 Layer 2 (Bottom)
1 Aug 2001

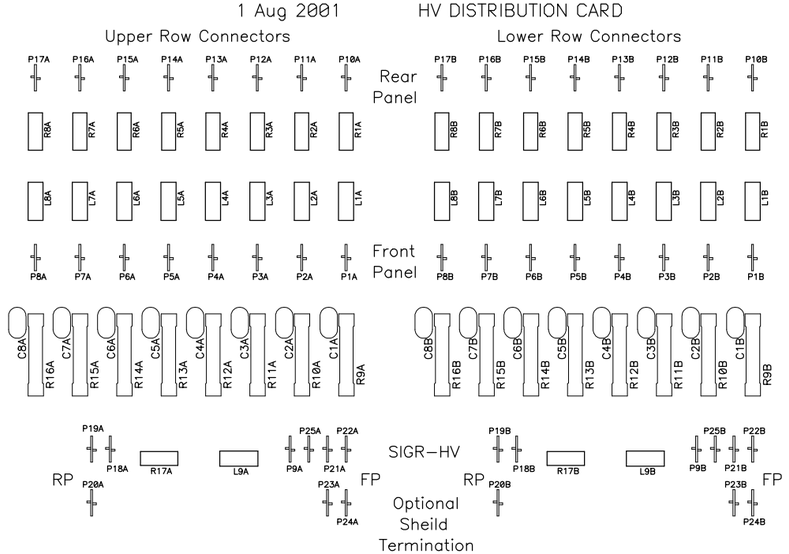


Drill Table			
Hole Dia (mm)	Symbol	Quantity	Plated
0.760	+	68	No
0.860	×	36	No
1.295	Y	32	No
1.300	⊤	100	No
2.200	⧖	2	No

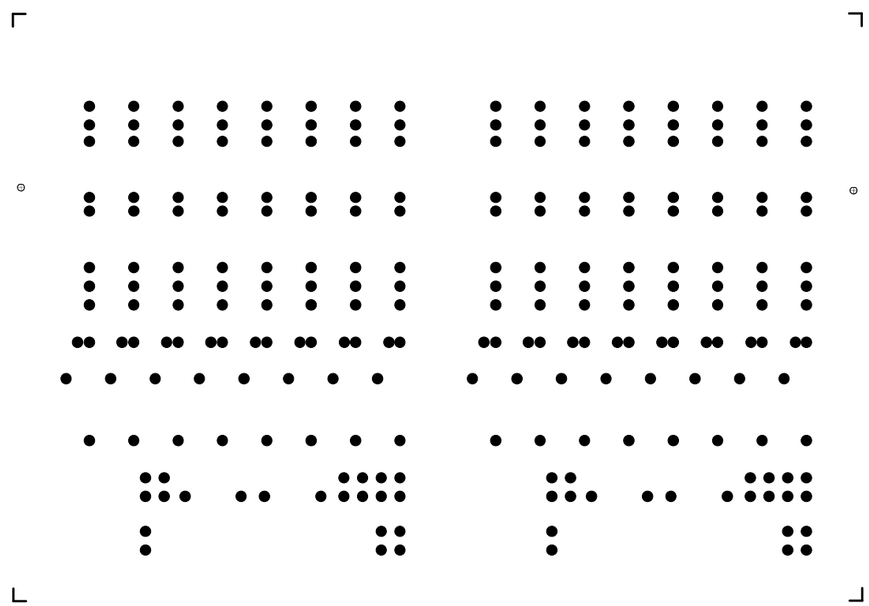
1. Interpret drawings per IPC–D–275, Manufacture Printed Wiring Board (PWB) to best commercial practice per IPC–600, Class 2
2. Material: Fabricate from reinforced FR–4 glass laminate
3. Dimensions shown are finished size
4. All tolerance to be =/– .005" (.127 mm) unless otherwise stated
5. NC Drill and Gerber File formats specified in read me file:135Y299083 readme.txt
6. Silkscreen Layer 1, White Lettering
7. Solder Mask Layer 2, Red color preferred

Los Alamos National Laboratory			
Title	HV Board		
North Arm HV Dist. System			
Size C	Date Originated: 23 May 2001		
	Date Last Revised: 26 August 2001		
LANL DWG #	135Y299083	Approved By:	W. Sondheim
PHENIX DWG #:	002–0312–226	Drawn by:	G. Hart
Filename	135Y299083.pcb	Sheet	of 5

LANL 135Y299083/ PHENIX 002-0312-226
1 Aug 2001 HV DISTRIBUTION CARD



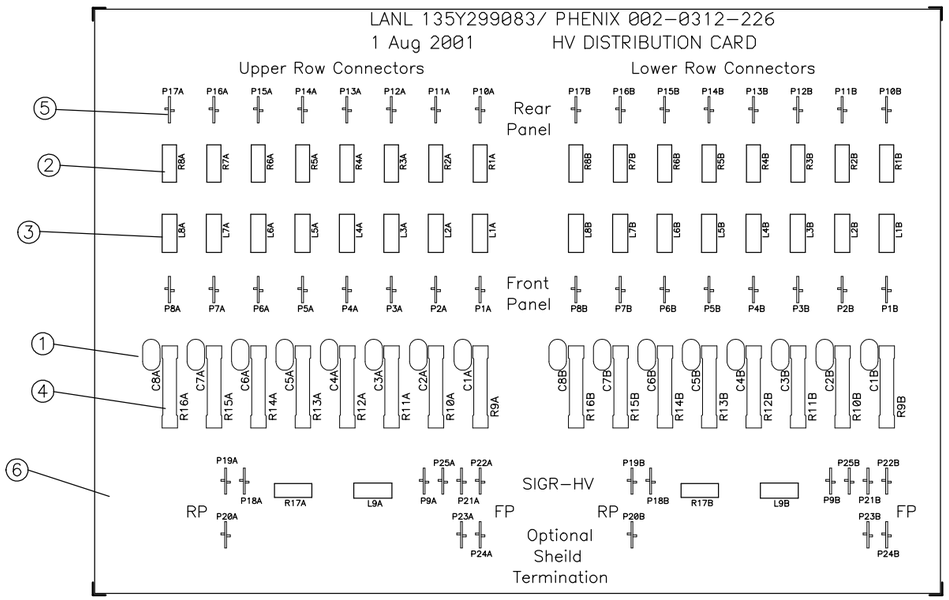
135Y299083 Layer 1 (Top) Silkscreen
1 Aug 2001



135Y299083 Layer 2 (Bottom) Solder Mask
1 Aug 2001

Red Color

ITEM	QTY	MANUFACTURER	DESCRIPTION	PART #	Source	Cat #	Cost/ea
1	16	Vishay/Sprague	Capacitor, .001 uF @ 3 kV, Ceramic Disk	125LD10	Newark Electronics	46F5219	.43
2	18	SPC/Multicomp	Resistor, 1/2 W, Carbon Comp, 2 K ohm, 5% tol, Pkg 100	RC1/2G202JT	Newark Electronics	10N570	.47
3	18	JW Miller	Inductor, 10 mH, 10 % tol, moulded	9250-106	Newark Electronics	81F3093	6.24
4	16	Ohmite	HV Resistor, 20 G ohm, 20% tol, .35W, 2500 V	MOX-400-22-20,000Meg 20%	Newark Electronics		6.00
5	50	Keystone	Terminal, Vertical, .187 wide, solderless, Male, Pkg 100	1285-ST	Newark Electronics	94F227	3.15
6	1		PC Card	135Y299083	The Circuit Shop		75.00



135Y299083 Layer 1 (Top) Silkscreen
1 Aug 2001

Los Alamos National Laboratory			
Title	HV Board		
North Arm HV Dist. System			
Size C	Date Originated: 23 May 2001		
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LANL DWG #	135Y299083	Approved By:	W. Sondheim
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Filename	135Y299083.pcb	Sheet	of 5