

Customer	LOS ALAMOS	File Number		Final Thk	.105+/- .011	Etch Factor	
Part #	22 LYRS	Rev.	-----	Planner	SAL	Target Lam Thk	.101 +/- 004

LYR	LAYER	CU.	DIELECTRIC	CUST. LINE	FINISH LINE	TARGET IMPED	CALC. IMPED	LAMINATION INFORMATION	
1	SIGNAL	3/8 oz.	2.5 +/- .5					Tips	Yes No
2	PLANE	0.5 oz.	4.0 +/- .5	N/A	N/A			Lam X-section	Yes No
3	SIGNAL	3/8 oz.	4.5 +/- .5	3.5 LINE 5.0 SPACE	3.5 LINE 5.0 SPACE	100 DIFF.	99.40 DIFF.	Book Qty	
4	PLANE	0.5 oz.	4.0 +/- .5	N/A	N/A			Lay-up Operator	
5	SIGNAL	3/8 oz.	4.5 +/- .5	3.5 LINE 5.0 SPACE	3.5 LINE 5.0 SPACE	100 DIFF.	99.40 DIFF.	Press #	
6	PLANE	0.5 oz.	4.0 +/- .5	N/A	N/A			Press Operator	
7	SIGNAL	3/8 oz.	4.5 +/- .5	3.5 LINE 5.0 SPACE	3.5 LINE 5.0 SPACE	100 DIFF.	99.40 DIFF.	Lam thk.	min
8	PLANE	0.5 oz.	4.5 +/- .5	N/A	N/A			Prepreg	
9	SIGNAL	3/8 oz.	5.0 +/- .5	3.5 LINE 5.5 SPACE	3.25 LINE 5.75 SPACE	100 DIFF.	100.27 DIFF.	Glass	
10	PLANE	0.5 oz.	4.0 +/- .5	N/A	N/A			Lot#	
11	SIGNAL	3/8 oz.	4.5 +/- .5	3.5 LINE 5.0 SPACE	3.5 LINE 5.0 SPACE	100 DIFF.	99.40 DIFF.	Glass	
12	PLANE	0.5 oz.	4.0 +/- .5	N/A	N/A			Lot#	
13	SIGNAL	3/8 oz.	4.5 +/- .5	3.5 LINE 5.0 SPACE	3.5 LINE 5.0 SPACE	100 DIFF.	99.40 DIFF.	Glass	
14	PLANE	0.5 oz.	4.0 +/- .5	N/A	N/A			Lot#	
15	SIGNAL	3/8 oz.	4.5 +/- .5	3.5 LINE 5.0 SPACE	3.5 LINE 5.0 SPACE	100 DIFF.	99.40 DIFF.	Glass	
16	PLANE	3/8 oz.	4.0 +/- .5	N/A	N/A			Lot#	
17	SIGNAL	3/8 oz.	4.5 +/- .5	3.5 LINE 5.0 SPACE	3.5 LINE 5.0 SPACE	100 DIFF.	99.40 DIFF.	Notes:	
18	PLANE	0.5 oz.	4.0 +/- .5	N/A	N/A				
19	SIGNAL	3/8 oz.	4.5 +/- .5	3.5 LINE 5.0 SPACE	3.5 LINE 5.0 SPACE	100 DIFF.	99.40 DIFF.		
20	PLANE	0.5 oz.	4.0 +/- .5	N/A	N/A				
21	MIXED	0.5 oz.	2.5 +/- .5						
22	SIGNAL	3/8 oz.							

ISOLA 370HR MATERIAL
FINSIH COPPER FOR LYRS 9 & 16 APPROX. 1.6 MILS
FINSIH COPPER FOR LYRS 1 & 22 APPROX. 1.9 MILS
UNBALANCED CONSTRUCTION POSSIBLE WARPAGE
FLAT WRAP REQUIRED
THIS STACK UP WHEN APPROVED SHALL BE
RETURNED TO DDI WITH THE DATA