

Layer Type	Lam Cycles	Build-up construction	Thickness			Descriptions	Tot. Thickness		Tollerances
			Microns	Mils	Oz		Microns	Mils	
L1_PS			Copper foil	12µm	0,4724"	1/3oz - + Plating - + Copper capping	42µm	1,6535"	-
L2_SIG			Prepreg foil	65µm	2,5591"		65µm	2,5591"	± 13µm
			Copper foil	12µm	0,4724"	1/3oz - + Plating	42µm	1,6535"	-
L3_GND			Prepreg foil	65µm	2,5591"		65µm	2,5591"	± 13µm
			Copper foil	12µm	0,4724"	- + Plating	42µm	1,6535"	-
			Prepreg foil	75µm	2,9528"		75µm	2,9528"	± 10%
L4_SIG			Prepreg foil	75µm	2,9528"		75µm	2,9528"	
			Core	17µm	0,6693"	1/2oz	17µm	0,6693"	-
L5_SIG			Core	710µm	27,953"	-	710µm	27,953"	± 10%
			Prepreg foil	17µm	0,6693"	1/2oz	17µm	0,6693"	-
			Prepreg foil	75µm	2,9528"		75µm	2,9528"	± 10%
L6_PWR			Prepreg foil	75µm	2,9528"		75µm	2,9528"	
			Copper foil	12µm	0,4724"	1/3oz - + Plating	42µm	1,6535"	-
L7_SIG			Prepreg foil	65µm	2,5591"		65µm	2,5591"	± 13µm
			Copper foil	12µm	0,4724"	1/3oz - + Plating	42µm	1,6535"	-
L8_SS			Prepreg foil	65µm	2,5591"	+ Copper capping	65µm	2,5591"	± 13µm
		Copper foil	12µm	0,4724"	1/3oz - + Plating - capping	42µm	1,6535"	-	
Total Thickness							2mm	61,260"	± 10%

Impedance requirements	Line with (mils)	Diff cent to cent (mils)	Impedance required		Tolerance	Line with (mils)	Diff cent to cent	Impedance required		Ref. Layers
			Ohm	Ohm				Ohm	Ohm	
1 SE	12,00		50	48,5	± 10%					L3
2 SE	4,50		50	48	± 10%					L3
3 SE										
4 SE	9,00		50	49,5	± 10%					L3-L6
5 SE	9,00		50	49,5	± 10%					L3-L6
6 SE										
7 SE	4,50		50	48	± 10%					L6
8 SE	12,00		50	48,5	± 10%					L6
1 DIFF	6,50	10,5	90	91	± 10%	5,5	10,5	100	101	L3
2 DIFF	3,75	8	90	88	± 10%	3	8	100	99	L3
3 DIFF										
4 DIFF	6,50	11,5	90	91	± 10%	5	10	100	99	L3-L6
5 DIFF										
6 DIFF										
7 DIFF										
8 DIFF	5,50	10,5	100	101	± 10%					L8