





Layer	Stack up	Supplier	Supplier Description	Description	Min Trace Width	Copper Coverage	Finish Thickness	Processed Thickness	Isolation Distance	Tolerance	εr	Resin Content	
1		Polar Samples	SM/001	Liquid Photolmageable Mask								4.000	
		Polar Samples	FO/001	Copper Foil	2.953	0.000	0.700	0.700					
2		Polar Samples	PP/003	PrePreg 3113			4.000	2.950	2.950	0.000	4.200	53.000	
3		Polar Samples	CO/005	FR4 Core	2.953	0.000	1.400	1.400					
		Polar Samples	CO/005	FR4 Core	2.953	0.000	3.000	3.000	3.000	0.000	4.200	60.000	
		Polar Samples	PP/004	PrePreg 1651			6.000	5.627	5.627	0.000	4.200	47.000	
4		Polar Samples	PP/004	PrePreg 1651			6.000	5.627	5.627	0.000	4.200	47.000	
5		Polar Samples	CO/017	FR4 Core	2.953	0.000	1.400	1.400					
	Polar Samples	CO/017	FR4 Core	2.953	0.000	8.000	8.000	8.000	0.000	4.200	45.000		
	Polar Samples	PP/004	PrePreg 1651			6.000	5.627	5.627	0.000	4.200	47.000		
6	Polar Samples	PP/004	PrePreg 1651			6.000	5.627	5.627	0.000	4.200	47.000		
7	Polar Samples	CO/005	FR4 Core	2.953	0.000	1.400	1.400						
	Polar Samples	CO/005	FR4 Core	2.953	0.000	3.000	3.000	3.000	0.000	4.200	60.000		
	Polar Samples	PP/003	PrePreg 3113			4.000	2.950	2.950	0.000	4.200	53.000		
8	Polar Samples	FO/001	Copper Foil	2.953	0.000	0.700	0.700						
	Polar Samples	SM/001	Liquid Photolmageable Mask									4.000	

Structure Image	Impedance ID	Structure Name	Impedance Signal Layer	Ref. Plane 1 in Layer	Ref. Plane 2 in Layer	Lower Trace Width	Upper Trace Width	Trace Separation	Calculated Impedance	Target Impedance	Tol (+/- %)
	1	Edge Coupled Coated Microstrip 1B	1	3	0	9.250	8.250	7.500	100.080	100.000	10.000
	2	Coated Microstrip 1B	1	3	0	5.500	4.500	0.000	74.970	75.000	10.000
	3	Edge Coupled Offset Stripline 1B1A	4	3	6	7.600	6.600	8.000	99.660	100.000	10.000
	4	Broadside-Coupled Stripline2S	4	3	6	8.250	7.250	0.000	75.100	75.000	10.000

Drill Image	1st Layer	2nd Layer	Column Position	Drill Type	Fill Type	Hole Count	Different Hole Sizes	Minimum Size	Data Filenames
	1	8	0	Mechanical PTH	None	0	0	254.000	

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Site:						

Drill Image	1st Layer	2nd Layer	Column Position	Drill Type	Fill Type	Hole Count	Different Hole Sizes	Minimum Size	Data Filenames
	1	2	1	Laser PTH	None	0	0	304.800	
	1	2	2	Laser PTH	Copper Fill	0	0	0.000	
	1	2	3	Laser PTH	Resin Fill	0	0	0.000	
	1	2	4	Laser PTH	Soldermask Fill	0	0	0.000	

Notes

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