



Layer	Stack up	Supplier	Supplier Description	Description	Base Thickness	Impedance ID	εr	
1		Polar Samples	ID/001	Screened Ident				
		Polar Samples	SM/001	Liquid PhotoImageable Mask			4.000	
		Polar Samples	FO/002	Copper Foil	1.378	1, 2, 3		
		Polar Samples	PP/004	PrePreg 1651	5.906		4.200	
		ISOLA	FR4	FR4	1.378			
					47.244		4.300	
					1.378			
		Polar Samples	PP/004	PrePreg 1651	5.906		4.200	
		Polar Samples	FO/002	Copper Foil	1.378	4, 5		
		Polar Samples	SM/001	Liquid PhotoImageable Mask			4.000	
		Polar Samples	ID/001	Screened Ident				

Notes

Impedance ID	Structure Name	Impedance Signal Layer	Ref. Plane 1 in Layer	Ref. Plane 2 in Layer	Lower Trace Width	Trace Separation	Calculated Impedance	Target Impedance	Tol (+/- %)	Ground Strip Separation	
1	Coated Microstrip 1B	1	2	0	9.700	0.000	49.840	50.000	10.000	0.000	
2	Coated Coplanar Strips With Lower Ground 1B	1	2	0	8.800	0.000	50.330	50.000	10.000	9.000	
3	Coated Coplanar Strips With Lower Ground 1B	1	2	0	8.600	0.000	50.180	50.000	10.000	8.000	
4	Coated Microstrip 1B	4	3	0	9.700	0.000	49.840	50.000	10.000	0.000	
5	Coated Coplanar Strips With Lower Ground 1B	4	3	0	8.800	0.000	50.330	50.000	10.000	9.000	

StackName: 2-Layer	Version:	Revision:	Modification:	Date of Revision:	Editor	Page 2/2	
Date: 11-02-2023	Associated Documents:						
Author:							
Department:							
Site:							