

Layer	Calc Thickness	Primary Stack	Description	Dk / Df
Layer - 1	0.0005		Taiyo 4000-MP	4.70 / 0.0330
	0.0020		1/4oz Sig (Std Plt)	
	0.0033		370H	4.03 / 0.0210
Layer - 2	0.0012		1oz P/G	
	0.0041		370H	4.54 / 0.0190
	0.0006		1/2oz Mix	
Layer - 3	0.0006		1080	
	0.0054		1080	4.17 / 0.0210
	0.0280		370H	4.30 / 0.0180
Layer - 4	0.0055		1080	
	0.0006		1080	4.16 / 0.0210
	0.0041		1/2oz Mix	
Layer - 5	0.0012		370H	4.54 / 0.0190
	0.0032		1oz P/G	
	0.0020		370H	4.05 / 0.0210
Layer - 6	0.0020		1/4oz Sig (Std Plt)	
	0.0005		Taiyo 4000-MP	4.70 / 0.0330

Materials: Isola 370H High-Tg FR4

Requirement	Req. Thickness	Tol +	Tol -	Calc Thick
Incl. Plating & Mask	0.0620	0.0062	0.0062	0.0622
Incl. Mask over Laminate	0.0580	0.0058	0.0058	0.0582
Incl. Plating	0.0610	0.0061	0.0061	0.0612
After Lamination	0.0576	0.0029	0.0029	0.0578
Over Laminate	0.0570	0.0057	0.0057	0.0572

Impedance Type	Layer	Design	Actual	Pitch	Plane	Target	Tol (ohms)	Predict
 Surface MS	L1	0.0050	0.0050	-	-	50	5	49.89
	-	-	-	-	L2			
 EC Microstrip	L1	0.00480	0.0046	0.0110	-	90	9	90.71
	-	0.00480	0.0046	-	L2			
 EC Microstrip	L1	0.00440	0.0042	0.0140	-	100	10	100.04
	-	0.00440	0.0042	-	L2			
 Stripline	L3	0.00525	0.0054	-	L2	50	5	50.01
	-	-	-	-	L5			
 EC Stripline	L3	0.00450	0.0045	0.0140	L2	100	10	100.18
	-	0.00450	0.0045	-	L5			
 Stripline	L4	0.00525	0.0054	-	L2	50	5	50.03
	-	-	-	-	L5			

Impedance Type	Layer	Design	Actual	Pitch	Plane	Target	Tol (ohms)	Predict
7  EC Stripline	L4	0.00450	0.0045	0.0140	L2	100	10	100.22
	-	0.00450	0.0045	-	L5			
8  EC Stripline	L4	0.0050	0.0050	0.0110	L2	90	9	89.71
	-	0.0050	0.0050	-	L5			
9  EC Microstrip	L6	0.00440	0.0041	0.0140	L5	100	10	99.6
	-	0.00440	0.0041	-	-			
10  EC Microstrip	L6	0.00480	0.0046	0.0110	L5	90	9	89.44
	-	0.00480	0.0046	-	-			
11  Surface MS	L6	0.0050	0.0048	-	L5	50	5	49.88
	-	-	-	-	-			