



Customer: SVTRONICS Part Number: 305-0004221 RevC1 PROC054C Date: 15-Jan-20
 Stack-up layers: 8 (Rigid) Material: ROGERS & ISOLA PCL370HR Engineering: P.Scalmati Approval: P.Cestola

Type	Layer	Final Thickness		Construction	Single - Ended				Differential - Stripline						
		μm	mils		Trace Width mils	Ohm ± 10%	Reference Plane	Trace Width mils	Trace spacing mils	Ohm ± 10%	Reference Plane				
Solder Mask		20	0,8	Silver											
	1	18	0,7	Plating Cu											
		17	0,7	Copper	10,5	267	50	L2	6,5	165	5,5	140	100	L2	
		127	5,0	Core Rogers RO3003											
	2	17	0,7	Copper											
		90	3,5	Pre-preg Rogers RO4450F											
	3	17	0,7	Copper	5,1	130	50	L2 & L4							
		272	10,7	Core Rogers RO4835 LOPRO											
	4	17	0,7	Copper											
		200	7,9	Pre-preg PCL 370 HR											
	5	35	1,4	Copper	8,1	205	50	L4 & L6							
		250	9,8	Core PCL 370 HR											
	6	17	0,7	Copper	5,7	145	50	L5 & L7	5,0	127	7,0	178	100	L5 & L7	
		115	4,5	Pre-preg PCL 370 HR											
	7	17	0,7	Copper											
		127	5,0	Core PCL 370 HR											
	8	17	0,7	Copper	7,8	197	50	L7	5,2	133	6,7	171	100	L7	
		18	0,7	Plating Cu											
Solder Mask		20	0,8	Silver											

Total Thickness : 1,411 mm ± 10%
0,0556 (inch)