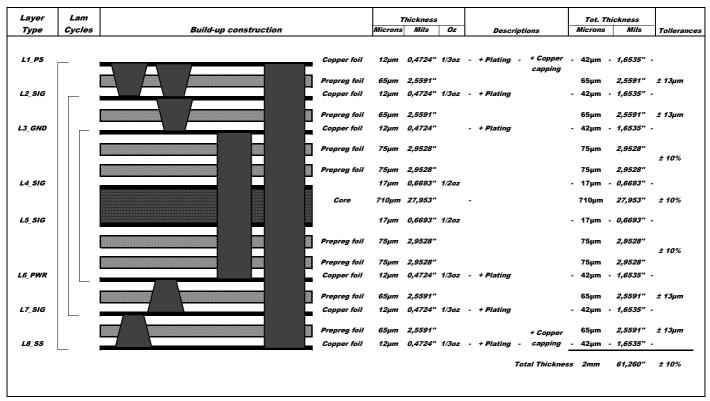


 Customer Name
 Part Number
 Raw Material
 PLC 370H

 Texas Instruments
 720-2170-004-A
 Num. Layers
 8L HL

PLC 370HR or Eqivalent 8L HDI (2+4+2)





Impedance requirement s			Diff cent to cent (mils)	Impedance required Ohm	Impedance Calculated Ohm	Tollera nce	Line with (mils)	Diff cent to cent	Impedance required Ohm	Impedance Calculated Ohm	Ref. Layers
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		1			+		1			
7	DIFF		1			+		1			
8	DIFF	5,50	10,5	100	101	± 10%		1			L8