

Engineering Confirmation Note

Layer stackup & impedance

Subject :Questions about the stack and the impedance value

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DATE : 2016/4/21 14:53:51

Stackup Information:

Layer	Info	Thickness
TOP	=====	0.333+Plating
	PP IT-180A 1080+2116	7.385(mil)
L2	=====	1 Oz
	Core IT-180A 0.36	14.173(mil)
L3	=====	1 Oz
	PP IT-180A 2116*3	13.259(mil)
L4	=====	1 Oz
	Core IT-180A 0.36	14.173(mil)
L5	=====	1 Oz
	PP IT-180A 1080+2116	7.258(mil)
BOT	=====	0.333+Plating

Finished:	62.992 (6.299/-6.299) mil	1.6(+0.16/-0.16) MM
Designed:	62.165 mil	1.579 MM
Material:	IT-180A	IT-180A

Impedance Information:

Ctrl	Ref	Imp_type	Cust_req	Imp_req	FP_des	Imp_des	mask	H1	Er1	H2	Er2
L1	L2	Single-Ended	12.21	50+/-10%	12.21	50.863	Yes	7.385	4.1		

Remark :

Customer Reply:

Accept:

Disapprove:

Date::

Signature:

Mark :