Engineering Confirmation
Note Layer stackup & impedance

Subject : questions about the stack and the impedance value
From : Quick-teck Electronics Limited
Writer:
Check:
DATE: 2019-12-11 10:55
Customer Part NO:

Customer Requirements

Layer	Line Width/Space/GS(mil)	Control Impedance（ohm）	
L1	3.9/4 mil	100	differential

Our Suggesting:

TOP — 0.5oz +Plating

Core 1.5mm(Include Copper)

BOT — 0.5oz +Plating

Overlap THK:1.5 mm Material :

Finish THK:1.6 +/-0.16 mm

Calculate Impedance:

Layer	Adjust LW/LS/GS(mil)		Calculate Value(Ω)		H1(mil)	Er1	H2(mil)	Er2
L1	3.9/4 mil		112.4	differential	57.66	4.7		#VALUE !
L1	Ground is:	L2						

Customer Reply: Accept: Disapprove:

Signature: Date:

Remark :