



**TARGET THICKNESS: 0.031"**  
**NUMBER OF LAYERS: 04**

# MULTILAYER PCB CONSTRUCTION SHEET

If there are max thickness requirements beyond +/- .10% overall - non-standard

<b>4 Layer StackUp (0.031") L04-031-2oz2oz</b>		<b>Thickness (inches)</b>
<b>Layer 1</b>	<b>2 oz foil plated to approximate* thickness 0.0038"</b>	<b>0.0038</b>
Prepreg	Bonding ply (3x 1080) Average Dielectric Constant 4.5	0.0066
<b>Layer 2</b>	<b>2 oz foil thickness</b>	<b>0.0028</b>
Core	Laminate Core Dielectric Constant 4.5 (+/- 0.10)	0.008
<b>Layer 3</b>	<b>2 oz foil thickness</b>	<b>0.0028</b>
Prepreg	Bonding ply (3x 1080) Average Dielectric Constant 4.5	0.0066
<b>Layer 4</b>	<b>2 oz foil plated to approximate* thickness 0.0038"</b>	<b>0.0038</b>
"Thickness does not include soldermask or surface finish"		<b>0.0344</b>

## NOTES: