



**TARGET THICKNESS: 0.039"**  
**NUMBER OF LAYERS: 04**

# MULTILAYER PCB CONSTRUCTION SHEET

If there are max thickness requirements beyond +/- .10% overall - non-standard construction should be ordered and notes added.

<b>4 Layer StackUp (0.039") L04-039-1oz1oz</b>		<b>Thickness (inches)</b>
<b>Layer 1</b>	<b>1 oz foil plated to approximate* thickness 0.0024"</b>	0.0024
Prepreg	Bonding ply (1x1080, 2x2116) Average Dielectric Constant 4.5	0.0106
<b>Layer 2</b>	<b>1 oz foil thickness</b>	0.0014
Core	Laminate Core Average Dielectric Constant 4.5	0.014
<b>Layer 3</b>	<b>1 oz foil thickness</b>	0.0014
Prepreg	Bonding ply (1x1080, 2x2116) Average Dielectric Constant 4.5	0.0106
<b>Layer 4</b>	<b>1 oz foil plated to approximate* thickness 0.0024"</b>	0.0024
"Thickness does not include soldermask or surface finish"		<b>0.0428</b>

## NOTES: