



**TARGET THICKNESS: 0.039"**  
**NUMBER OF LAYERS: 06**

# MULTILAYER PCB CONSTRUCTION SHEET

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

<b>6 Layer StackUp (0.039") L06-039-1oz1oz</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 (1x 1080, 1x2116) Average Dielectric Constant 4.5	0.0064
<b>Layer 2</b>	<b>1 oz foil thickness</b>	0.0014
Core	Laminate Core Average Dielectric Constant 4.5	0.005
<b>Layer 3</b>	<b>1 oz foil thickness</b>	0.0014
Prepreg	Bonding ply (2x2116) Average Dielectric Constant 4.5	0.0084
<b>Layer 4</b>	<b>1 oz foil thickness</b>	0.0014
Core	Laminate Core Average Dielectric Constant 4.5	0.005
<b>Layer 5</b>	<b>1 oz foil thickness</b>	0.0014
Prepreg	Bonding ply (1x2116, 1x1080) Average Dielectric Constant 4.5	0.0064
<b>Layer 6</b>	<b>1 oz foil plated to approximate* thickness 0.0024"</b>	0.0024
"Thickness does not include soldermask or surface finish"		<b>0.0416</b>

## NOTES: