



**TARGET THICKNESS: 0.047"**  
**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 (0.047") L06-047-1oz1oz</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, 1x7628) Average Dielectric Constant 4.5	0.0097
<b>Layer 2</b>	<b>1 oz foil thickness</b>	0.0014
Core	Laminate Core Dielectric Constant 4.5 (+/- 0.10)	0.005
<b>Layer 3</b>	<b>1 oz foil thickness</b>	0.0014
Prepreg	Bonding ply (1x 1080, 1x7628) Average Dielectric Constant 4.5	0.0097
<b>Layer 4</b>	<b>1 oz foil thickness</b>	0.0014
Core	Laminate Core Dielectric Constant 4.5 (+/- 0.10)	0.005
<b>Layer 5</b>	<b>1 oz foil thickness</b>	0.0014
Prepreg	Bonding ply (1x 1080, 1x7628) Average Dielectric Constant 4.5	0.0097
<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>0.0495</b>

## NOTES: