



**TARGET THICKNESS: 0.125"**  
**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 (0.125") L04-125-2oz2oz</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 (2x 1080, 1x 7628) Average Dielectric Constant 4.5	0.0119
<b>Layer 2</b>	<b>2 oz foil thickness</b>	<b>0.0028</b>
Core	Laminate Core Dielectric Constant 4.5 (+/- 0.10)	0.021
Prepreg	Bonding ply (1x 1080, 1x 7628) Average Dielectric Constant 4.5	0.0097
<b>Core</b>	<b>Laminate Core Dielectric Constant 4.5 (+/- 0.10)</b>	<b>0.028</b>
Prepreg	Bonding ply (1x 1080, 1x 7628) Average Dielectric Constant 4.5	0.0097
<b>Core</b>	<b>Laminate Core Dielectric Constant 4.5 (+/- 0.10)</b>	<b>0.021</b>
<b>Layer 3</b>	<b>2 oz foil thickness</b>	<b>0.0028</b>
Prepreg	Bonding ply (2x 1080, 1x 7628) Average Dielectric Constant 4.5	0.0119
<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>0.1264</b>

## NOTES: