



**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") L04-125-1ozHoz</b>                   |  | <b>Thickness<br/>(inches)</b> |
|--|--|-------------------------------|
| <b>Layer 1</b>   | <b>.5 oz foil plated to approximate* thickness 0.0017"</b>     | <b>0.0017</b>                 |
| Prepreg  | Bonding ply (2x 1080, 1x 7628) Average Dielectric Constant 4.5 | 0.0119                        |
| <b>Layer 2</b>   | <b>1 oz foil thickness</b>                                     | <b>0.0017</b>                 |
| Core   | Laminate Core Average Dielectric Constant 4.5                  | 0.028                         |
| Prepreg  | Bonding ply (2x 1080, 1x 7628) Average Dielectric Constant 4.5 | 0.0119                        |
| Core   | Laminate Core Average Dielectric Constant 4.5                  | 0.014                         |
| Prepreg  | Bonding ply (2x 1080, 1x 7628) Average Dielectric Constant 4.5 | 0.0119                        |
| Core   | Laminate Core Average Dielectric Constant 4.5                  | 0.028                         |
| <b>Layer 3</b>   | <b>1 oz foil thickness</b>                                     | <b>0.0017</b>                 |
| Prepreg  | Bonding ply (2x 1080, 1x 7628) Average Dielectric Constant 4.5 | 0.0119                        |
| <b>Layer 4</b>   | <b>.5 oz foil plated to approximate* thickness 0.0017"</b>     | <b>0.0017</b>                 |
| <i>"Thickness does not include soldermask or surface finish"</i> |  | <b>0.1244</b>                 |

**NOTES:**