

Differential Pairs

Conductor Width (W)  
8 mils

Target Zdiff  
90 Ohms

Formula Restrictions:  
0.1 < W/H < 3.0  
0.1 < S/H < 3.0

Conductor Spacing (S)  
5 mils

Conductor Height (H)  
7.1 mils

W/H = 1.127  
S/H = 0.704

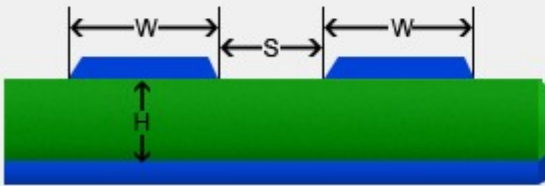
Zdifferential  
90.901 Ohms

Zo  
60.131 Ohms

+/- Tolerance = 2.5%

93.174 Ohms

88.629 Ohms



Options

Base Copper Weight  
☐ 0.25oz  
☒ 0.5oz  
☐ 1oz  
☐ 1.5oz  
☐ 2oz  
☐ 2.5oz  
☐ 3oz  
☐ 4oz  
☐ 5oz

Plating Thickness  
☐ Bare PCB  
☒ 0.5oz  
☐ 1oz  
☐ 1.5oz  
☐ 2oz  
☐ 2.5oz  
☐ 3oz

Differential Layer  
☒ Edge Cpld Ext  
☐ Edge Cpld Int Sym  
☐ Edge Cpld Int Asym  
☐ Edge Cpld Embed  
☐ Broad Cpld Shld  
☐ Broad Cpld NShld

Information  
Total Copper Thickness  
1.40 mils  
Via N/A  
Via N/A  
Conductor Temperature  
Temp in (°C) = N/A  
Temp in (°F) = N/A