

Differential Pairs

Conductor Width (W)

9mils

Target Zdiff

90Ohms

Formula Restrictions:

0.1 < W/H < 3.0  
0.1 < S/H < 3.0

Conductor Spacing (S)

13mils

Conductor Height (H)

5mils

W/H = 1.800

S/H = 2.600

Zdifferential

90.732 Ohms

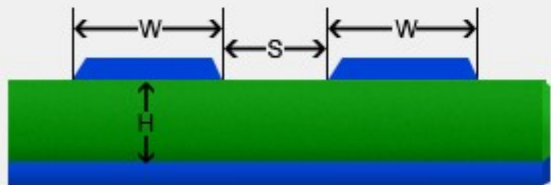
Zo

47.234 Ohms

+/- Tolerance = 10%

99.805 Ohms

81.659 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  
0.70 mils

Conductor Temperature  
Temp in (°C) = N/A  
Temp in (°F) = N/A



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