Impedance Calculation

trace width

Impedance value(ohm): 50

Layers: 4-layer 6-layer

Thickness: 0.8mm 1.0mm 1.2mm 1.6mm

Inner layer/outer layer: Inner layer outer layer

Impedance type: Single-ended Differential

Type 1: Recommend trace width: **11.55mil**

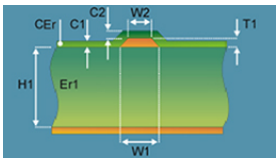
Order selection:JLC7628 View stackup (/impedance)

Type 2: Recommend trace width: **5.78mil**

Order selection:JLC3313 View stackup (/impedance)

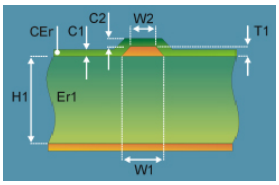
Type of impedance

Order selection:JLC7628



H1: 7.10 **Er1: 4.60**
T1: 1.40 **C1: 0.80**
C2: 0.50 **CEr: 3.80**

Order selection:JLC3313



H1: 3.50 **Er1: 4.05**
T1: 1.40 **C1: 0.80**
C2: 0.50 **CEr: 3.80**

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