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Impedance Calculation

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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

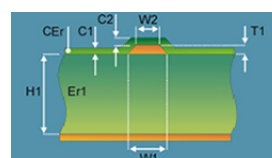
Impedance type:

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

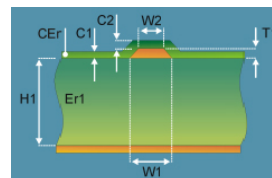
T1: 1.40

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

COMPANY

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