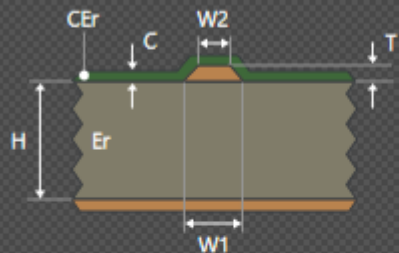


Transmission Line



$C = 0.02\text{mm}$
 $CEr = 3.5$
 $H = 0.085\text{mm}$
 $Er = 4.2$
 $T = 0.035\text{mm}$
 $W1 = 0.125\text{mm}$
 $W2 = 0.125\text{mm}$

Simulated with SIMBEOR® software

Etch Factor

Trace Width

f_x

Calculated Impedance 50.85674

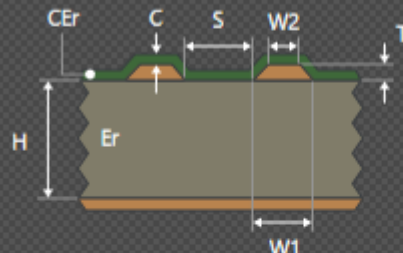
Impedance Deviation 1.71348%

Propagation Delay 6.01953ns/m

Inductance p.u.l. 306.13384nH/m

Capacitance p.u.l. 118.36254pF/m

Transmission Line



$C = 0.02\text{mm}$
 $CEr = 3.8$
 $H = 0.085\text{mm}$
 $Er = 4.2$
 $T = 0.035\text{mm}$
 $W1 = 0.1\text{mm}$
 $W2 = 0.1\text{mm}$
 $S = 0.2\text{mm}$

Simulated with SIMBEOR® software

Etch Factor

Trace Width

f_x

Trace Gap

f_x

Calculated Impedance 101.5714

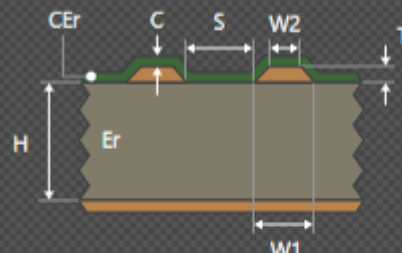
Impedance Deviation 1.5714%

Propagation Delay 5.82933ns/m

Inductance p.u.l. 592.09335nH/m

Capacitance p.u.l. 57.39146pF/m

Transmission Line



$C = 0.02\text{mm}$
 $CEr = 3.8$
 $H = 0.085\text{mm}$
 $Er = 4.2$
 $T = 0.035\text{mm}$
 $W1 = 0.125\text{mm}$
 $W2 = 0.125\text{mm}$
 $S = 0.2\text{mm}$

Simulated with SIMBEOR® software

Etch Factor

Trace Width

f_x

Trace Gap

f_x

Calculated Impedance 92.55324

Impedance Deviation 2.83693%

Propagation Delay 5.85993ns/m

Inductance p.u.l. 542.35583nH/m

Capacitance p.u.l. 63.31419pF/m