

LineCalc (*) 450.shp Jan 20 2016

Fri Mar 30 12:59:40 2018

Element type: CPWG
Element ID: CPWG_DEFAULT

Units

Freq = GHz
Length = meter
Res = Ohm
Angle = deg

Frequency = 1.000

Shared Parameters:

Substrate: CPWSUB = CPWSUB_DEFAULT
Er = 4.500
Mur = 1.000
H = 1.000 mm
T = 35.000 um
Cond = 5.8e7
TanD = 0.000
Rough = 0.000 mil
DielectricLossModel = 1.000
FreqForEpsrTanD = 1.0e9
LowFreqForTanD = 1.0e3
HighFreqForTanD = 1.0e12

Physical Parameters

W = 0.940 mm
G = 0.220 mm
L = 1.000 meter

Electrical Parameters

Z0 = 49.850 Ohm
E_Eff = 1990.950 deg

Result Parameters

K_Eff = 2.748
A_DB = 1.271
SkinDepth = 0.082 mil