

Conductor Impedance

Conductor Width (W)

0,21 mm

Conductor Height (H)

0,12 mm

Frequency (MHz)

100

Er Effective = 3.0668

Zo

50.6194 Ohms

Lo

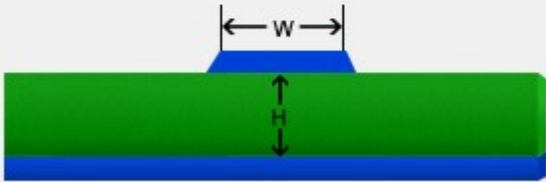
2.9576 nH/cm

Co

1.1543 pF/cm

Tpd

58.4285 ps/cm



Options

Base Copper Weight

- ☐ 9um
- ☒ 18um
- ☐ 35um
- ☐ 53um
- ☐ 70um
- ☐ 88um
- ☐ 106um
- ☐ 142um
- ☐ 178um

Plating Thickness

- ☐ Bare PCB
- ☒ 18um
- ☐ 35um
- ☐ 53um
- ☐ 70um
- ☐ 88um
- ☐ 106um

Passive Circuits

- ☒ Microstrip
- ☐ Microstrip Embed
- ☐ Stripline
- ☐ Stripline Asym
- ☐ Dual Stripline
- ☐ Coplanar Wave

Information

Total Copper Thickness36 um

Conductor TemperatureTemp in (°C) = N/ATemp in (°F) = N/A

Via Thermal ResistanceN/AVia Count:10

Via Voltage DropN/A

Units

- ☐ Imperial
- ☒ Metric

Substrate Options

Material Selection

Er4,3Tg (°C)130

Temp Rise (°C)

20

Temp in (°F) = 36.0

Ambient Temp (°C)

22

Temp in (°F) = 71.6

Print

Solve!