Revised version – 12 June 2008
Overall size reduced
Honda connector overhang increased
Impedance calculation for BU board

Off-Center Stripline Impedance Calculator

Enter dimensions:

- Trace width (W): 20 mils
- Trace thickness (T): 1.4 mils
- Distance to upper plane (H1): 20 mils
- Distance to lower plane (H2): 40 mils
- Relative Dielectric constant (Er): 4.6

Compute Z

- Trace Impedance: 50.1 ohms
- Calculation Type: narrow
Impedance calculation for Iwatsu board

Off-Center Stripline Impedance Calculator

Enter dimensions:

- Trace width (W) 11.8 mils
- Trace thickness (T) 1.4 mils
- Distance to upper plane (H1) 8.7 mils
- Distance to lower plane (H2) 38.2 mils
- Relative Dielectric constant (Er) 4.6

Trace Impedance 43.8 ohms
Calculation Type narrow