TABLE 1. Typical connection decoupling capacitor inductance values.

SPACING BETWEEN VIAS	COMPLEX FORMULA (20 mils to plane)	SIMPLE RECT LOOP (20 mils to plane)	COMPLEX FORMULA (10 mils to plane)	SIMPLE RECT LOOP (10 mils to plane)
0805 + 2*10mil	3.0 nH	3.1 nH	2 nH	1.38 nH
0805 + 2*100mil	4.1 nH	4.3 nH	3 nH	2.0 nH
0805 + 2*160mil	5.1 nH	5.1 nH	3.5 nH	2.5 nH
0603 + 2*10mil	2.3 nH	1.74 nH	1.1 nH	0.8 nH
0603 + 2*100mil	3.3 nH	3.15 nH	2.1 nH	1.5 nH
0603 + 2*160mil	4.2 nH	4.3 nH	2.4 nH	2.07 nH