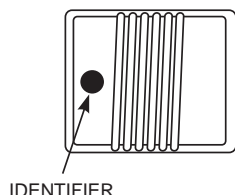


Chip Inductors – Color Coding

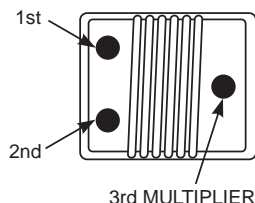
0603 and 0805 Series



Because of their small size, these parts are marked with a single color dot. The inductance value represented by the dot is shown on the data sheet for each series.

1008, 1206 and 1812 Series

0 = Black	5 = Green
1 = Brown	6 = Blue
2 = Red	7 = Violet
3 = Orange	8 = Gray
4 = Yellow	9 = White



These parts are marked with three color dots. The table at left shows the significance of each color.

Dots 1 and 2 indicate the inductance in nanoHenries.

Dot 3 is a multiplier, indicating the number of zeroes to be added.

Examples:

Gray Red Black	=	82 nH
Brown Red Brown	=	120 nH
Yellow Violet Red	=	4700 nH

Values below 10 nH

On these parts the third dot is not a multiplier. Refer to the tables below for the specific inductance values represented by the color dots.

1008CT Series

Black Yellow Black	4.7 nH	1008CT-040X_BC
Black Gray Black	8.2 nH	1008CT-080X_BC

1008HT Series

Black Orange Black	3.3 nH	1008HT-3N3T_BC
Black Blue Black	6.8 nH	1008HT-6N8T_BC
Black Violet Black	7.2 nH	1008HT-7N2T_BC

1008HQ Series

Black Orange Black	3.0 nH	1008HQ-3N0T_BC
Black Yellow Black	4.1 nH	1008HQ-4N1T_BC
Black Violet Black	7.8 nH	1008HQ-7N8T_BC

1206CS Series

Black Orange Black	3.3 nH	1206CS-030T_BC
Black Blue Black	6.8 nH	1206CS-060T_BC

Coilcraft

Specifications subject to change without notice. Document 174 Revised 7/5/99