

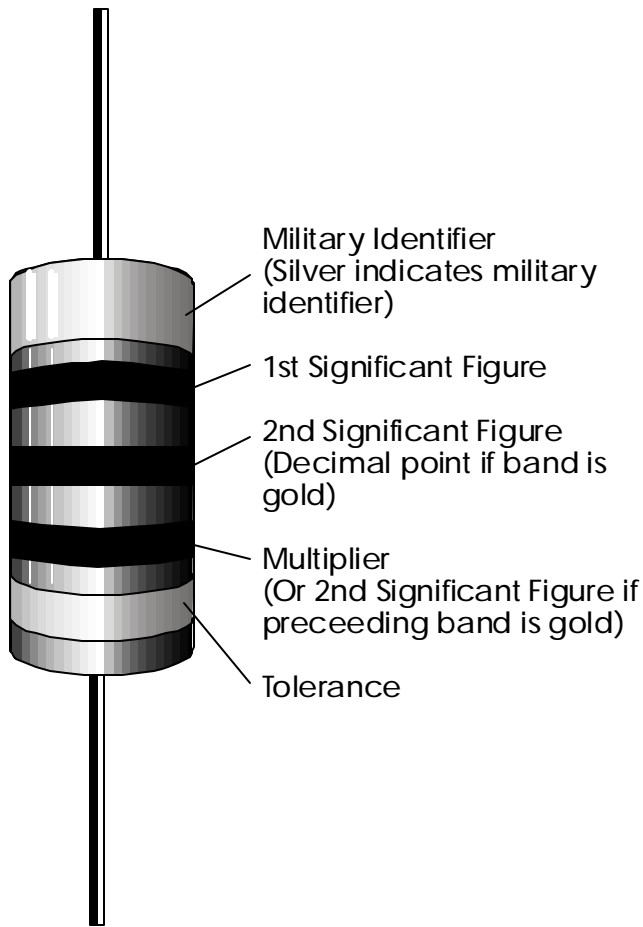
Color Band Guide

ISI's axial-leaded products are typically color banded to identify key characteristics, as described below.

The military color code comprises five bands. A silver band, double the width of the other four bands, is located near one end of the device. When present, this band identifies military radio frequency coils. The other four narrower bands are equal to each other in width. The first three indicate the product's inductance in microHenries, while the fourth band indicates tolerance percentage.

For inductance values less than 10, when either of the first two inductance bands is gold, it represents the decimal point, while the other two bands represent significant figures. When the inductance value is 10 or more, the first two bands represent significant figures, and the third band represents the multiplier.

Some products, including dipped inductors, are marked with the EIA 5-band color coding system. This is similar to the military system, but with differences.



COLOR	MULTIPLIER	SIGNIFICANT FIGURE	INDUCTANCE TOLERANCE
Black	0	1	-
Brown	1	10	± 1%
Red	2	100	± 2%
Orange	3	1,000	± 3%
Yellow	4	10000	± 4%
Green	5	-	-
Blue	6	-	-
Violet	7	-	-
Gray	8	-	-
White	9	-	-
None ²	-	-	± 20%
Silver	-	-	± 10%
Gold	Decimal Point	-	± 5%

¹ The multiplier is the factor by which the two significant figures are multiplied to yield the nominal inductance value.

² Indicates body color.