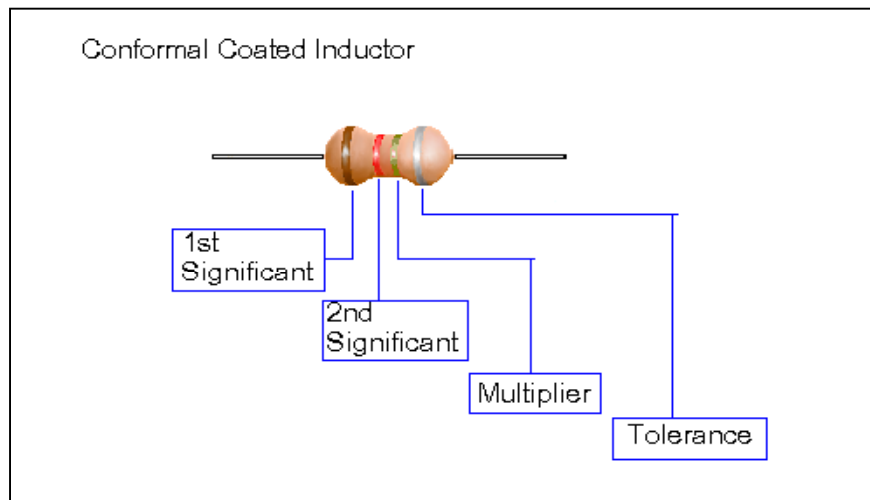


Standardization Colour Code



Some products, including dipped inductor, are marked with the 4 band colour coding system. This is similar to the military system, but with these differences.

The silver military band is eliminated.

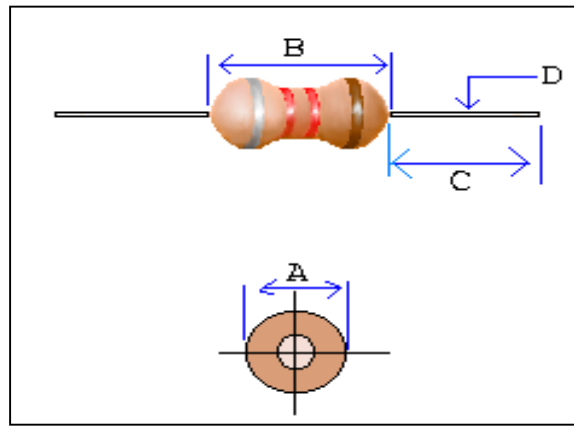
The first and second bands represent the first and second significant figures. They employed the same colour as the military code. Silver representing 0.01 and Gold representing 0.1.

The fourth band indicates inductance tolerance as follows: Black indicates $\pm 20\%$. Silver $\pm 10\%$ and Gold $\pm 5\%$.

Colour Code	1st Significant	2nd Significant	Multiplier	Inductance Tolerance (%)
BLACK	0	0	1	-
BROWN	1	1	10	-
RED	2	2	100	-
ORANGE	3	3	1000	-
YELLOW	4	4	-	-
GREEN	5	5	-	-
BLUE	6	6	-	-
VIOLET	7	7	-	-
GRAY	8	8	-	-
WHITE	9	9	-	-
BLACK	-	-	-	$\pm 20\%$
SILVER	-	-	0.01	$\pm 10\%$
GOLD	-	-	0.1	$\pm 5\%$

Symbol	Tolerance
F	$\pm 1\%$
G	$\pm 2\%$
H	$\pm 3\%$
I	$\pm 4\%$
J	$\pm 5\%$
K	$\pm 10\%$
L	$\pm 15\%$
M	$\pm 20\%$

RF Conformal Coated Inductors



(1) Feature:

- (1) Contribute high "Q" and Self resonant Frequency.
- (2) Taping type especially for auto-inserter machine.
- (3) Coating epoxy resin keep terminal strength more stronger
- (4) Coating epoxy make resistance to be long life.

(2) Characteristic:

- (1) Type:-
- (2) Operating Temperature:-
- (3) Rate Current:-
- (4) Ambient Temperature:-
- (5) Moisture Resistance:-
- (6) Terminal strength:-
- (7) Inductance Range:-
- (8) Storage Temperature:-

(3) Product Identification:



- (1) Advanced Magnetic
- (2) C1 ~ C4 = Identifier as Inductors dimension size.
C5 ~ C7= Identifier as Inductance Values.
- (3) Inductance Values.
- (4) Tolerances (5% , 10% , 20%)

(4) Inductance & Rate Current Ranges :

Type	Inductance Range	Rate Current
AMC1	0.22uH ~ 220uH	35 ~ 400 mA max
AMC2	0.10uH ~ 1000uH	28 ~ 1350 mA max
AMC3	0.10uH ~ 1000uH	60 ~ 1360 mA max
AMC4	0.10uH ~ 1000uH	100 ~ 1360 mA max
AMC5	1.0uH ~ 10mH	49 ~ 1900 mA max
AMC7	1.0mH ~ 100mH	12 ~ 80 mA max



AMT

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