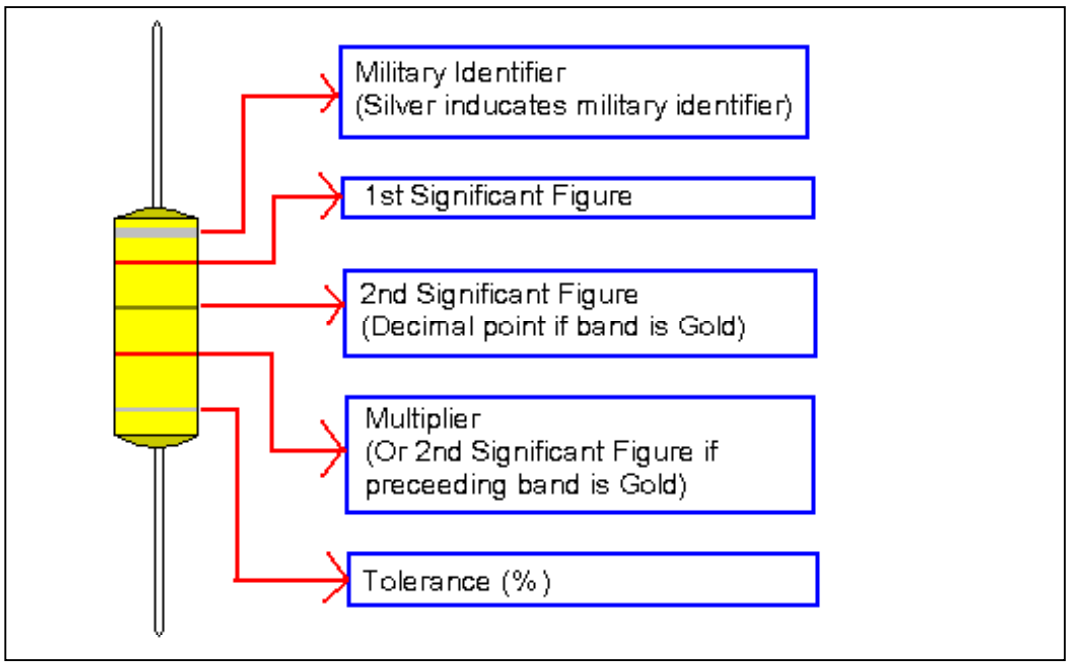
Standardization Colour Code

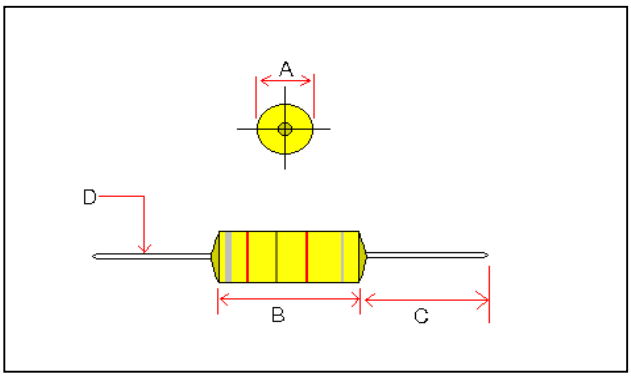


The military code comprise five colour band.A Silver band , double the width of the others four band colour which is located near the one of ending of the device.When present, this band identifies military redio frequency coils.The others four narrower bands are equal to each other in width.The first three indicates the product's inductance in microhenries, while the fourth band indicates tolerance percentage.

For inductance values less than 10uH , When either of the first two inductance bands is Gold,itpresents the decimal point,the first two bands representsignificant figures , and the third band represent the multiplier.

(First Silver Colour Code as American Military Specification Type)

Colur Code	Multiplier	Significant Figures	Inductance Tolerance(%)
BLACK	0	1	-
BROWN	1	10	+/-1%
RED	2	100	+/-2%
ORANGE	3	1000	+/-3%
YELLOW	4	10000	+/-4%
GREEN	5	-	-
BLUE	6	-	-
VIOLET	7	-	-
GRAY	8	-	-
WHITE	9	-	-
NONE	-	-	+/-20%
SILVER	-	-	+/-10%
GOLD	Demical Point	-	+/-5%



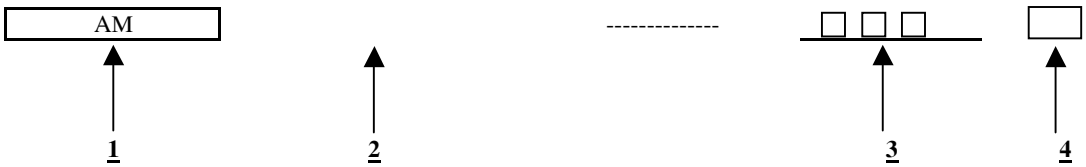
Feature:

(1) High "Q" and SRF & Lower DCR
(2) Low Cost

Characteristic:

(1) Type:-	Axial Lead Type
(2) Operating Temperature:-	-55'C ~ +125'C
(3) Rate Current:-	Base on temperature rise not exceed 20'C
(4) Ambient Temperature:-	80'C
(5)Moisture Resistance:-	(L)+/-5% / (Q) +/-20%
(6)Terminal strength:-	5 lbs
(7) Inductance Range:-	0.1uH ~ 1000uH
(8) Storage Temperature:-	-55-C ~ +85'C

Product Identification:-



(1) Advanced Magnetic
(2) S1 ~ S4 = Identifier as Inductors dimension size.
(3) Inductance Values.
(4) Tolerances (5% , 10% , 20%)

Inductance & Rate Current Ranges

Type	Inductance Range	Rate Current
AMS1	0.10uH ~ 1000uH	67 ~ 1580 mA max
AMS2	0.10uH ~ 10000uH	31.6 ~ 1720 mA max
AMS3	0.10uH ~ 100000uH	3 ~ 1790 mA max
AMS4	0.10uH ~ 100000uH	3 ~ 3000 mA max