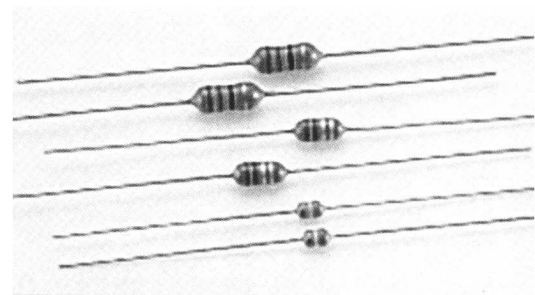
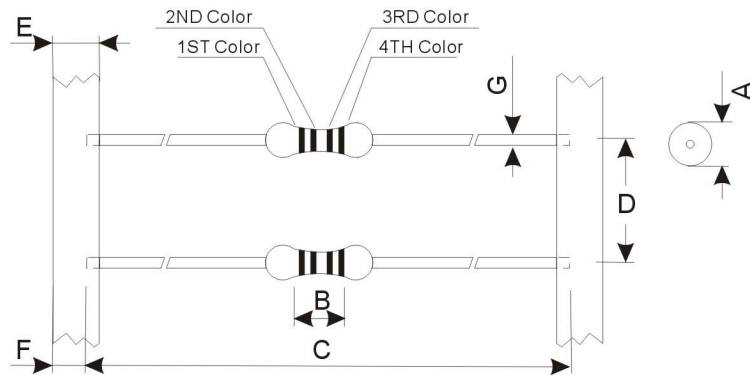


## C Series: Axial Color Series (色碼電感器)

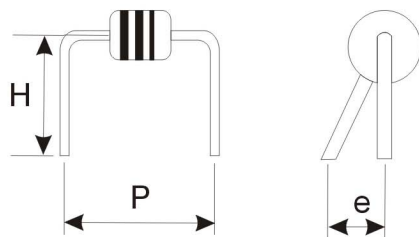
### Configuration & Dimensions: (mm)



Dimensions in mm

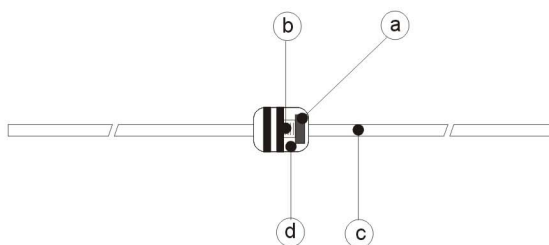
|   | C0204             | C0307           | C0410              | C0512             |
|---|-------------------|-----------------|--------------------|-------------------|
| A | 2.3 <sup>+0</sup> | 3 <sup>+0</sup> | 4 <sup>+0</sup>    | 4.5 <sup>+0</sup> |
| B | 4 <sup>+0</sup>   | 7 <sup>+0</sup> | 10.5 <sup>+0</sup> | 12 <sup>+0</sup>  |
| C | 52.4 ± 1.5        |                 |                    |                   |
| D | 5 ± 0.5           |                 |                    |                   |
| E | 6 ± 1             |                 |                    |                   |
| F | 3.2 <sup>-0</sup> |                 |                    |                   |
| G | 0.5 ∅             | 0.5 ∅           | 0.65 ∅             |                   |

### M-Formed:

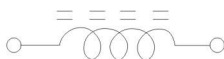


TOLERANCE  
MULTIPLIER  
SECOND SIGNIFICANT FIGURE  
FIRST SIGNIFICANT FIGURE

\*C0204, C0307 are use 3 code  
\*C0307, C0405, C0410, C0512 are use 4 code



### Schematic Diagram:



### Materials:

- a. Core: ferrite DR core
- b. Wire: Enamelled copper wire
- c. Lead: Tinned CP wire
- d. Coating: Epoxy resin

### General Specification:

- a. Temp. rise: 20°C max.
- b. Ambient temp.: 60 max.
- c. operating temp.: -20 ~ +80
- d. Terminal tensile strength: 1.0Kg min.
- e. Terminal bending strength: 0.3Kg min.
- f. Dielectric withstanding voltage : 250Vrms.
- g. Rated current : Base on temp rise.

**Color Code:** The Normal Inductance is Marked.  
By A Color Code As Listed In Table Belo

| Color  | Normal Inductance (μ H) |               |                 | Tolerance |
|--------|-------------------------|---------------|-----------------|-----------|
|        | First Figure            | Second Figure | Magnification/* |           |
| Black  | 0                       |               | 1               | ±20%      |
| Brown  | 1                       |               | 10              | -         |
| Red    | 2                       |               | 100             | -         |
| Orange | 3                       |               | 1000            | -         |
| Yellow | 4                       |               | -               | -         |
| Green  | 5                       |               | -               | -         |
| Blue   | 6                       |               | -               | -         |
| Purple | 7                       |               | -               | -         |
| Gray   | 8                       |               | -               | -         |
| White  | 9                       |               | -               | -         |
| Gold   | -                       |               | 0.1             | ±5%       |
| Silver | -                       |               | 0.01            | ±10%      |