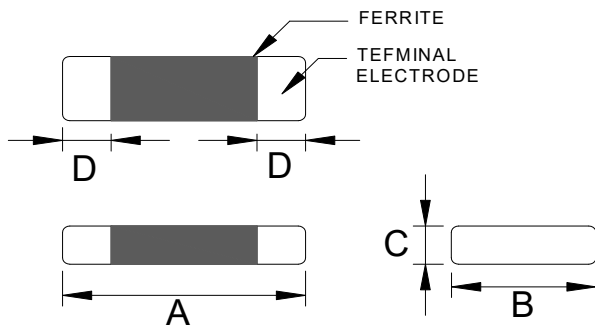
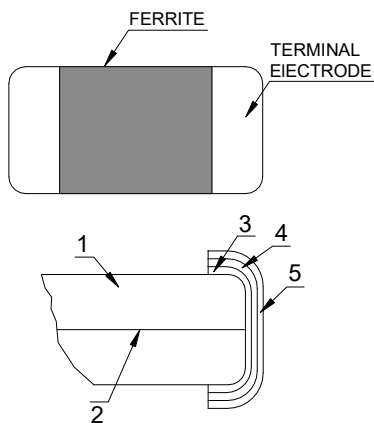


### 1. External Dimensions (Unit:m/m)



| TYPE   | METRIC | A       | B       | C       | D        | Q'Ty/Reel |
|--------|--------|---------|---------|---------|----------|-----------|
| FB1005 | 0402   | 1.0±0.1 | 0.5±0.1 | 0.5±0.1 | 0.25±0.1 | 10000     |

### 2. Construction



| NO | PART             | MATERIAL                       |
|----|------------------|--------------------------------|
| 1  | Ferrite Body     | Fe <sub>2</sub> O <sub>3</sub> |
| 2  | Silver electrode | Ag                             |
| 3  | Silver electrode | Ag                             |
| 4  | Plating          | Ni                             |
| 5  | Plating          | Sn                             |

### 3. Part Number Code

FB    1005    T    800  
 A        B        C        D

A: Series Name                      Multilayer Ferrite Chip Beads  
 B: Dimensions(mm)                1005: 1.0x0.5x0.5  
 C: Tolerance                          T: ±25%  
 D: Impedance                        800=80Ω

### 4. Electrical Characteristics

| Part Number | Impedance<br>(Ω±25%) | Test Freq.<br>(MHz) | RDC<br>(Ω)Max. | Rated Current<br>(mA)Max. |
|-------------|----------------------|---------------------|----------------|---------------------------|
| FB1005T800  | 80.0                 | 100MHz              | 0.1            | 2000.0                    |

Curve :

