

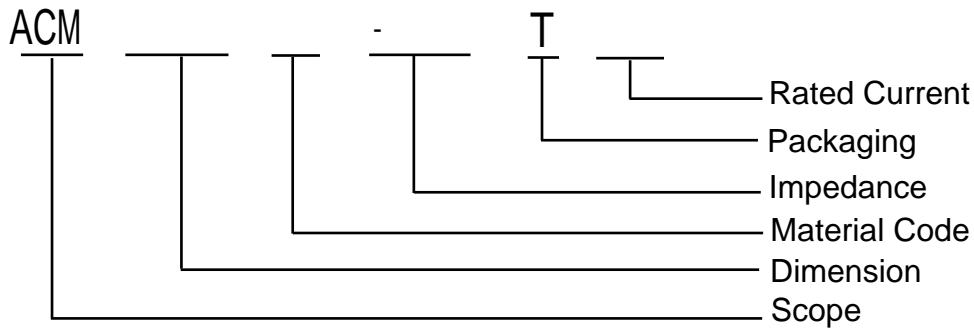
### 1. Features

1. High common mode impedance at high frequency cause excellent noise suppression performance.
2. ACM series realizes small size and low profile.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. Operating temperature-40~+125°C (Including self - temperature rise)

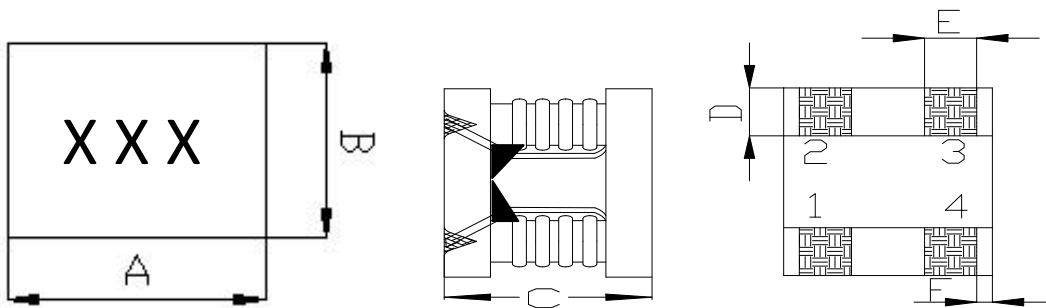
### 2.APPLICATIONS

- USB2.0 of IEEE1394, PC, peripheral equipments, small digital AV equipments, etc.
- LVDS lines of Note PC, LCD
- Audio lines

### 3 PRODUCT IDENTIFICATION



### 4. ShapeandDimensions

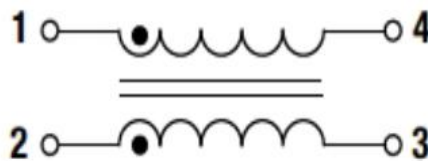


[Table 4-1]

Unit: mm [inch]

| Part Number | A        | B       | C       | D       | E       | F       |
|-------------|----------|---------|---------|---------|---------|---------|
| ACM100805   | 10.0±0.3 | 8.0±0.3 | 5.0±0.3 | 2.55typ | 2.00typ | 0.60typ |

### 5. Circuit Diagram



## Appendix A: Electrical Characteristics

## I. ACM100805 Series Common Mode Filter

| Part Number        | Z(Ω)<br>100MHz/0.1V | RDC<br>(mΩ)<br>Max | Rated Current<br>(A)<br>Max | IR<br>(MΩ)<br>Min | Rated Voltage<br>(V)<br>Max |
|--------------------|---------------------|--------------------|-----------------------------|-------------------|-----------------------------|
|                    | Typ                 |                    |                             |                   |                             |
| ACM100805□-401T70  | 400                 | 6.5                | 7.0                         | 10                | 50                          |
| ACM100805□-751T50  | 750                 | 10                 | 5.0                         | 10                | 50                          |
| ACM100805□-470T35  | 300                 | 90                 | 3.5                         | 10                | 50                          |
| ACM100805□-102T100 | 1000                | 15                 | 10.0                        | 10                | 50                          |

□F: Upper Plate Ceramics (Black)    M: Upper resin(Yellow)

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