

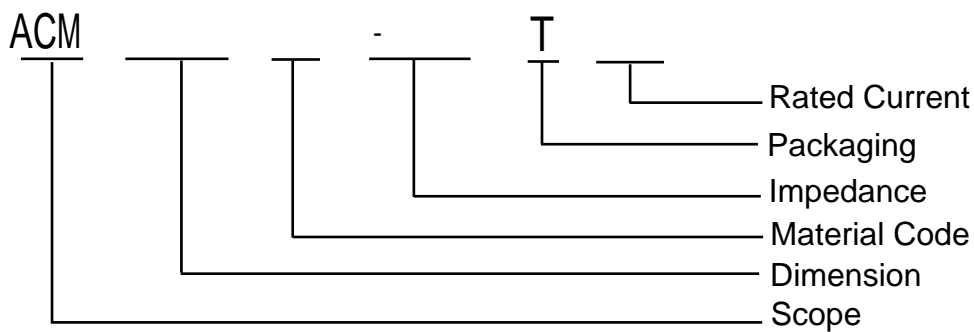
## 1. Features

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)

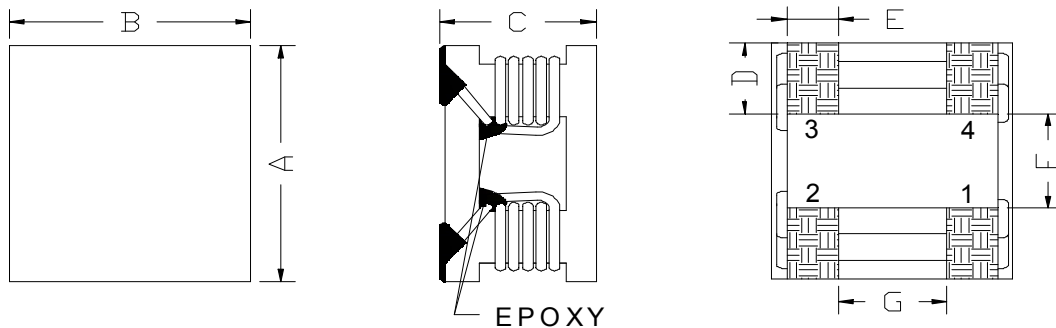
## 2. APPLICATIONS

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

## 3 PRODUCT IDENTIFICATION



## 4. Shape and Dimensions

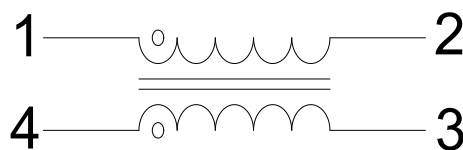


[Table 4-1]

Unit: mm [inch]

| Part Number | A       | B       | C       | D       | E       | F       | G       |
|-------------|---------|---------|---------|---------|---------|---------|---------|
| ACM750603   | 7.6±0.3 | 6.0±0.3 | 3.2±0.3 | 2.55typ | 1.50typ | 2.00typ | 2.30typ |

## 5. Circuit Diagram



**Appendix A: Electrical Characteristics**
**I. ACM750603 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 |
|-------------------|---------------------|------|--------------------|-----------------------------|-------------------|-----------------------------|
|                   | Min                 | Typ  |                    |                             |                   |                             |
| ACM750603□-501T25 | 300                 | 500  | 25                 | 2.5                         | 10                | 50                          |
| ACM750603□-801T20 | 600                 | 800  | 35                 | 2.0                         | 10                | 50                          |
| ACM750603□-102T10 | 800                 | 1000 | 65                 | 1.0                         | 10                | 50                          |

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

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Common Mode Chokes / Filters](#) category:*

*Click to view products by [MetalLions](#) manufacturer:*

Other Similar products are found below :

[PE-64683](#) [RD5122-6-9M6](#) [RD6137-6-7M5](#) [RD8147-16-3M0](#) [ST6118T-R](#) [FE3X025-10-7NL](#) [RD7147-25-0M7](#) [TCM0806G-350-2P-T](#)  
[TCM0806G-650-2P-T](#) [IND-0110](#) [UAL21VR0802000](#) [UALSC023000000](#) [UALSC1020JH000](#) [UALSU10VD20010](#) [UALSU9VD070100](#) [36-00037](#) [UALW21HS072450](#) [UALSU9H0208000](#) [UAL24VK06450CH](#) [PLT10HH501100PNB](#) [PLT10HH401100PNB](#) [PLT10HH1026R0PNB](#)  
[36-00029-01](#) [PE-67531](#) [TLH10UB](#) [113 0R5](#) [2752045447](#) [7351V](#) [CMF16-153131](#) [RD7147-6-6M0](#) [T8116NLT](#) [FE2X10-4-2NL](#) [36-00029-07](#)  
[T8003NLT](#) [CTX01-13663](#) [CTX66-19521-R](#) [RC212-0.5-10M](#) [RC112-0.4-15M](#) [RC212-0.6-6M8](#) [RC212-0.4-15M](#) [RC112-0.3-30M](#)  
[WTCF2012Z0M751PB](#) [PH9408.814NLT](#) [PAC6006.364NLT](#) [PAC6006.444NLT](#) [PAC6006.204NLT](#) [PH9407.204NLT](#) [PAC6006.264NLT](#)  
[PH9408.105NLT](#) [PH9408.494NLT](#) [PAC6006.104NLT](#)