

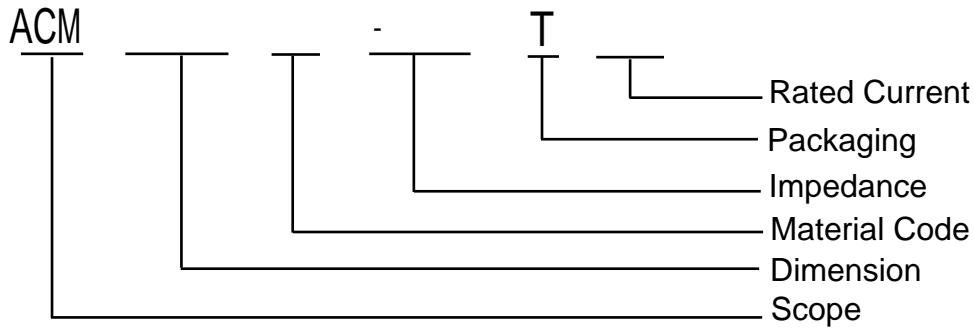
## 1. Features

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)

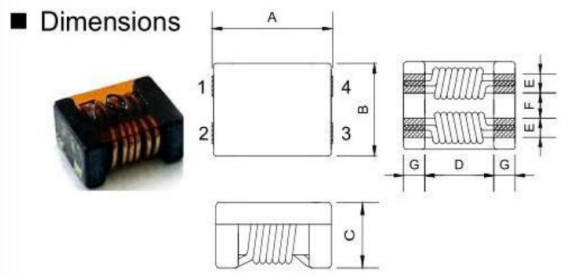
## 2.APPLICATIONS

- 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

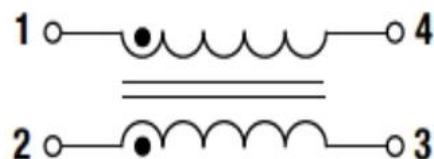


[Table 4-1]

Unit: mm [inch]

Part Number	A	B	C	D	E	F	G
ACM4520	4.7±0.5	4.5±0.5	2.0 Max	2.7 Ref	0.7±0.2	1.2±0.2	1.0±0.2

## 5. Circuit Diagram



### Appendix A: Electrical Characteristics

#### I. ACM4520 Series Common Mode Filter

Part Number	Z( $\Omega$ ) at 100MHz		DCR Max. (m $\Omega$ )	I <sub>rated.</sub> (A)	IR (M $\Omega$ ) Min	Rated Voltage (V) Max
	Min	Typ.				
ACM4520M-301T30	100	300	45	3.0	10	50
ACM4520M-401T25	200	400	50	2.5	10	50
ACM4520M-701T22	500	700	59	2.2	10	50
ACM4520M-901T21	700	900	68	2.1	10	50
ACM4520M-102T21	800	1000	68	2.1	10	50
ACM4520M-122T20	1000	1200	74	2.0	10	50
ACM4520M-142T19	1200	1400	81	1.9	10	50

Products with other electrical characteristic can be provided upon customer's request. Please contact your local sales.