

SMD MULTI-LAYER COMMON MODE FILTER

FEATURES

- Effective for suppressing common mode noise and almost no effect for high speed differential data line
- Ultra low profile (2.0x1.2x0.8mm)
- Ceramic multilayer type SMD component
- Non-polarized product
- It is a product conforming to RoHS directive
- Operating Temperature Range -40°C to +85°C

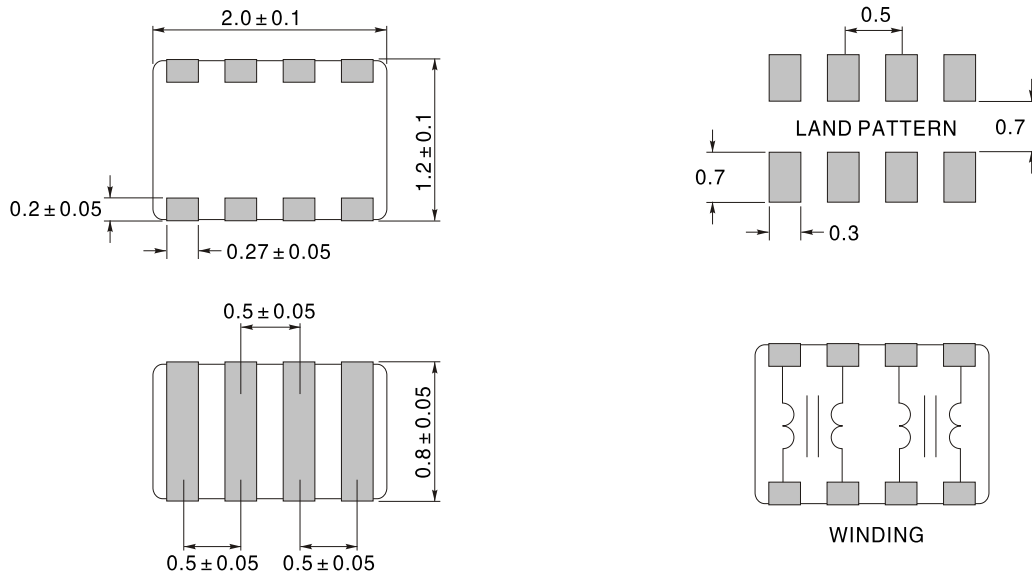
APPLICATIONS

- LVDS lines in notebook computers
- USB2.0, IEEE1394, DVI, HDMI lines in PDP, LCD TV, DVD Player, PC, Audio player, DSC
- MDDI, MIPI in mobile phone

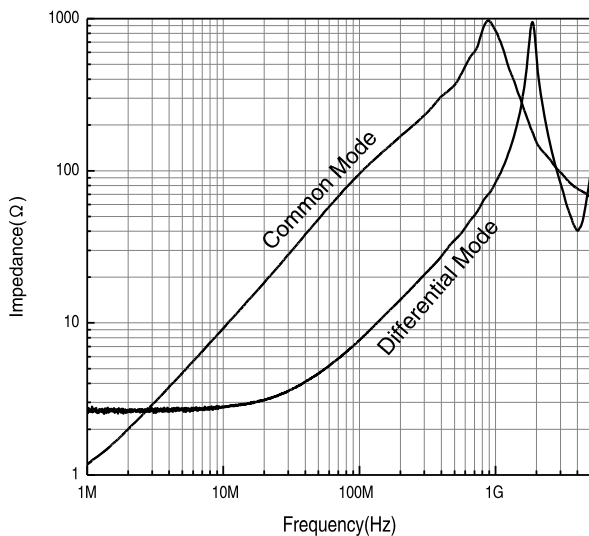
SPECIFICATION OF ELECTRICAL CHARACTERISTICS

| Part Number | Common mode Impedance (Ω) @100MHz | DCR (Ω)Max | Insulation Resistance (MΩ)Min | Rated current (mA)Max | Rated voltage (V)Max | Cutoff frequency (GHz)Typ |
|---------------|-----------------------------------|------------|-------------------------------|-----------------------|----------------------|---------------------------|
| SBA0805-4-101 | 100 ± 25% | 4.0 | 10 | 100 | 5.0 | 3.0 |

APPEARANCE AND DIMENSION



IMPEDANCE CURVES



TRANSMISSION CHARACTERISTICS (S-PARAMETER)

