

1. Brief Introduction

A1000 series magnetic absorber is tailored for EMI wave/harmonic noise/crosstalk occurred on PCB label any EMI noise inside enclosure of consuming electronic equipments. Non-conductive PSA is for better insulation separation easier/reliable mounting.

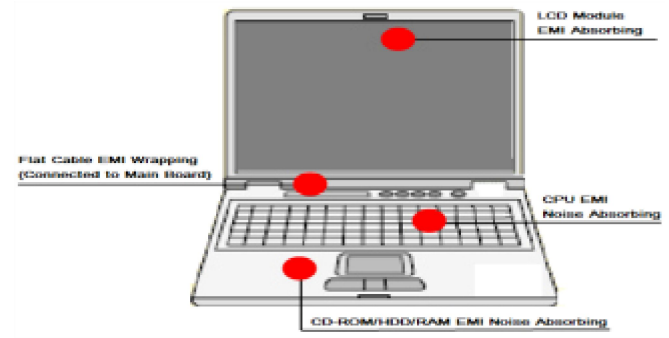
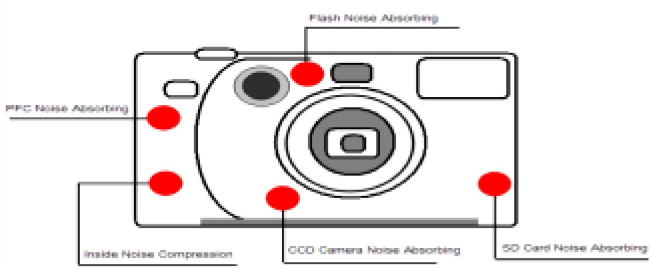
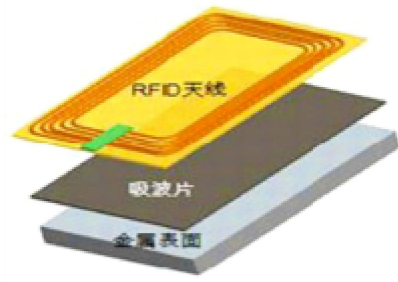
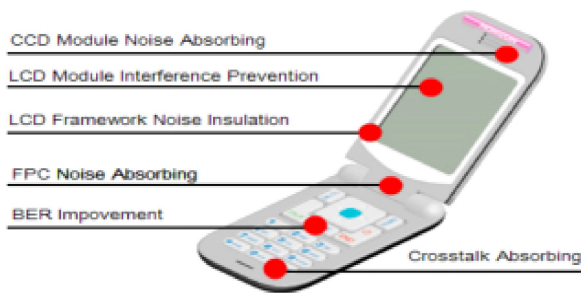
Per needed, can be laminated with foil tape conductive fabric tape to equip the absorber with perfect shielding function for some special uses. Supply with a soft release liner for easier handling die-cut.

2. Key Features

- Sheet-type for enough design in narrow space
- Totally non-conductive to achieve a safe use in PCB level
- High adhesion strength to make mounting reliable
- Excellent mechanical property makes die cutting easier

3. Typical Application

- Mobile Phone & Hy Phone Applications
- RFID Hardware Applications
- Digital Still Camera Applications
- Notebook Application
- Smart Cards Applications



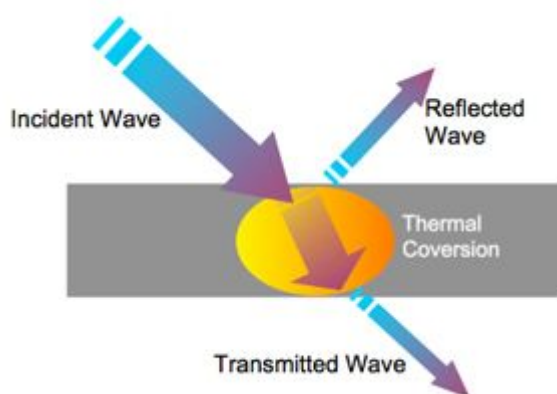
4. Dimension&PINS

Properties	Typical Value	Test Method
Absber sheet	Polymer	N/A
Tensile Strength	4.6Mpa	ASTM D 1000
Relative μ'	30	1MHz
Operating Temp.	"-25~85"°C	Long time
Surface Resistance	$1.6 \times 10^5 \Omega$	Typical
Gravity	3.4g/cc	
Appl. Frequency	13.56MHz~8GHz	Typical
Dielectric Strength(DC)	400V	5mm(0.1mA/1mA Leakage)
Thermal Cond.	0.6W/mK	ASTM D 5470
Adhesion Strength	>1.0 kgf/inch	ASTM D 1000
Thickness	0.1mm,0.2mm,0.3mm,0.5mm,1.0mm	
Flame Retardant	meet UL-94V0	
RoHS	RoHS Compliance &PVC-Free	
Note:		
All values shown in the fm are typical values		

5. Application Effects

- Absorption Effect (Thermal Conversion)

EMI noise energy is converted to heat energy when incident wave propagates into HFC-A5000 absorber happens mutual action



- Hi-Frequency Impedance Effects

High & stable Magnetic permeability acter in high frequency range have an effect to provide circuit a high impedance, results in transmission noise peak suppression

