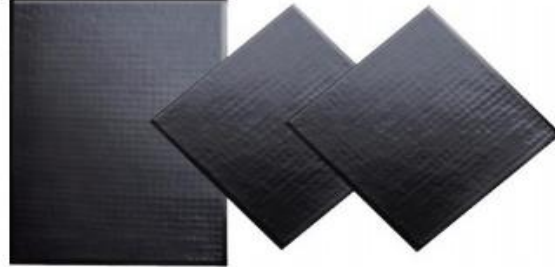




## WPC 用 FS 系列铁氧体片

### 产品应用 /Application



### 铁氧体磁片作用 /Features

1. 在频率 200kHz 时具有高磁导率  $\mu'$ 、低损耗  $\mu''$  (High  $\mu'$  & Low  $\mu''$  @200kHz)
2. 产品具有柔软性 (Flexible)
3. 带有双面胶与组合体紧密贴合 (Suited for thin and compact devices)
4. 适用于无线充电 (Applied to the wireless power)

### 产品构成 /Structure

#### ■ 料号说明 /Part Number

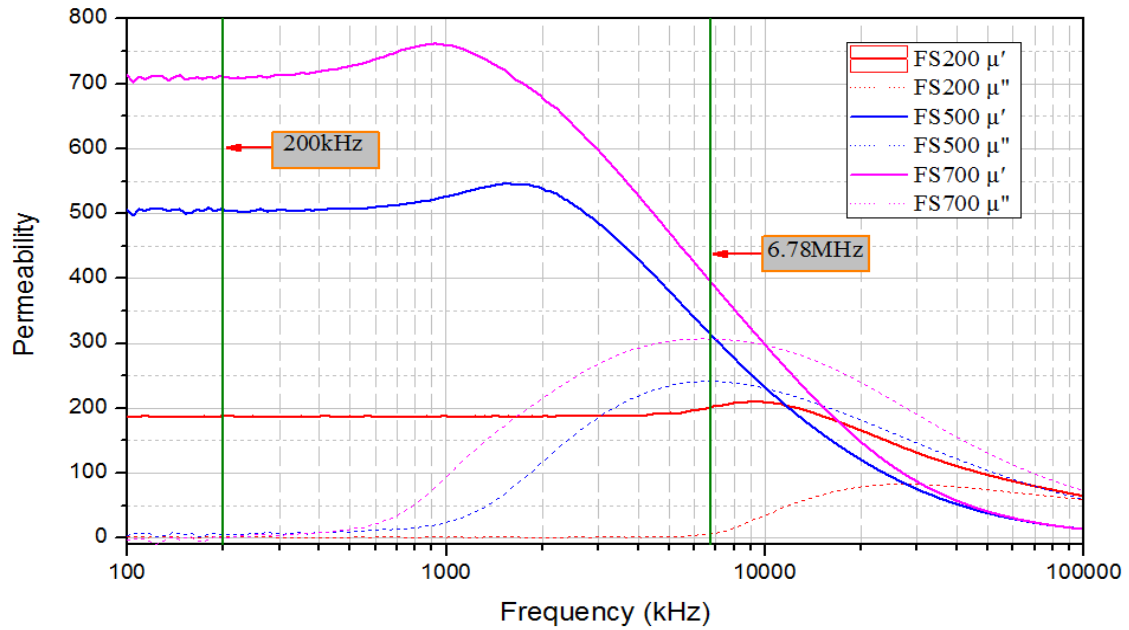
FS500—T 115×115×0.12 A BLACK  
 (1) (2) (3) (4) (5)

- (1) : 东磁铁氧体片材料牌号 (DMEGC Ferrite Sheet Material)
- (2) : 产品形状 (Product Shape)
- (3) : 尺寸代码 (Size (mm)): Length×Width×Thickness
- (4) : 区分别识别码 (Identification Code) : A\B\C...
- (5) : 单面胶颜色 (PET Color): BLACK

### 电磁特性 /Electrical Characteristics

牌号/Grade		FS200	FS500	FS700
复数磁导率 /Permeability @200 kHz	$\mu'$	200×(1±25%)	450min	600min
	$\mu''$	≤10	≤20	≤20
工作频率 /Operating frequency		6.78 MHz	100~205 kHz	
工作温度 /Operating Temperature		-40~85°C		
环境安全/Environment		符合 ROHS 要求		

## ■ 复数磁导率特性曲线 /Complex Permeability Characteristic



## ■ 测试方法/Measuring Method

磁导率应采用安捷伦 E4990A 阻抗仪或同等精度的其他设备进行测试。

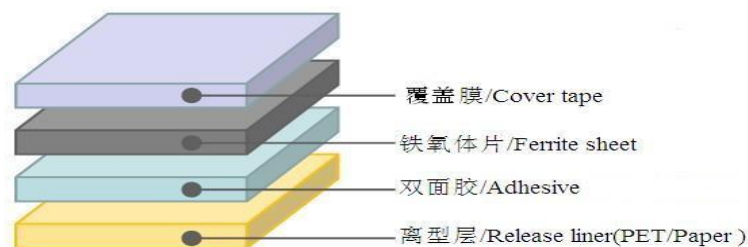
Permeability should be measured with Agilent E4990A impedance analyzer or equivalent system.

## 尺寸/Dimension

Ferrite Thickness(mm)	Cover tape Thickness(mm)	Adhesive Thickness(mm)	Sample Size L (mm) ×W(mm)
0.03~0.08	0.01~0.03	0.01~0.03	80×80 125×60 115×115
0.10~0.15	0.01~0.03	0.01~0.03	
0.20	0.03~0.05	0.03~0.05	
0.30	0.03~0.05	0.05	

注：可根据客户要求提供定制产品/Note: Provide products according to customer requirements

## 结构 /Construct



## 储存/Storage

1. 避免日光直射、高温、高湿环境下储藏/Avoid storing in high-temperature and high-humidity condition.
2. 保管环境：温度 5~35°C，湿度 65%RH 以下。/Storage condition : temperature 5°C ~ 35°C ,humidity less than 65 [%RH].
3. 保质期：应在纳入期 1 年内使用/Shelf life: The product should be used within 1 year since receiving them.