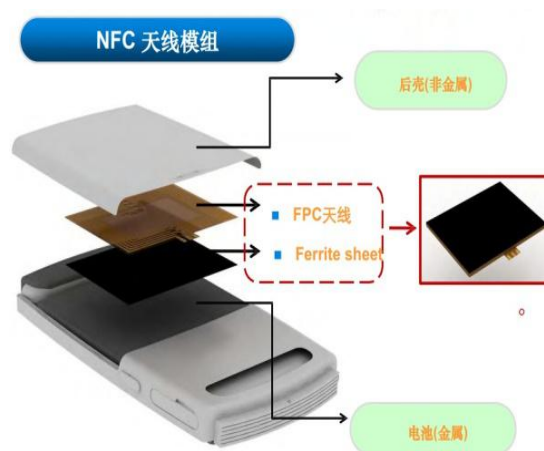


FS para Radio Frecuencia

/Application



/Features

- 1. NFC (Effective improvement of mobile NFC system)
- 2. (Flexible)
- 3. (Suited for thin and compact devices)
- 4. (Increased magnetic field)

/Structure

■ /Part Number

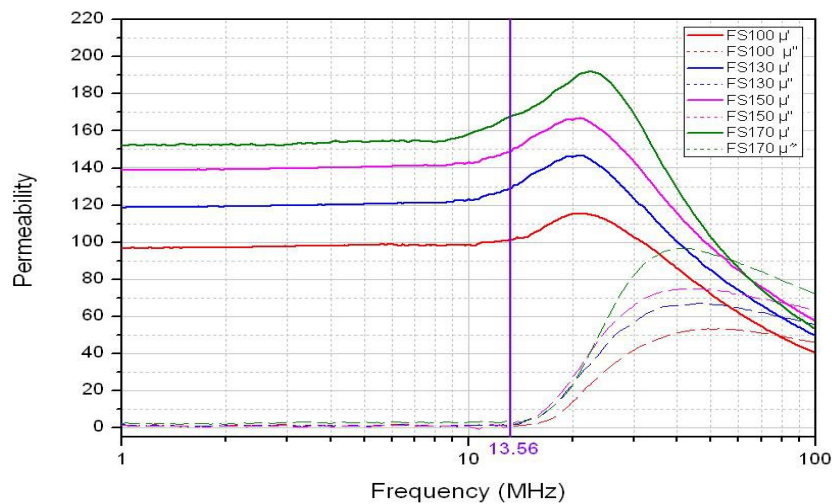
FS100—T 115×60×0.10 A BLACK
(1) (2) (3) (4) (5)

- (1) : Ferrite Sheet Material
- (2) : Product Shape)
- (3) : (Size (mm)) : Length×Width×Thickness
- (4) : (Identification Code) : A\B\C...
- (5) : (PET Color) : BLACK

/Electrical Characteristics

/Grade		FS100	FS130	FS150	FS170
/ Permeability @13.56MHz	μ'	100× (1±20%)	130× (1±20%)	150× (1±20%)	170× (1±20%)
	μ''	≤2	≤3	≤4	≤5
/Operating frequency		13.56MHz			
/Operating Temperature		-40~85℃			
/Environment		ROHS			

■ /Complex Permeability Characteristic



■ Measuring Method

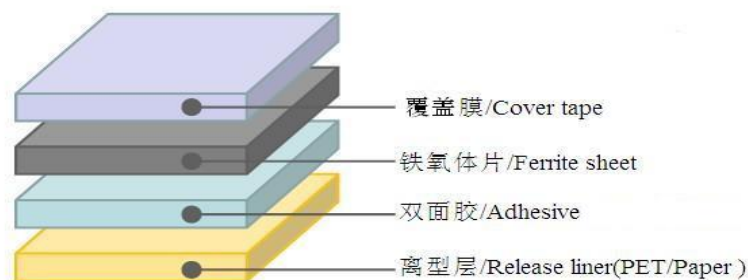
Permeability should be measured with Agilent E4990A impedance analyzer or equivalent system.

/Dimension

Ferrite Thickness(mm)	Cover tape Thickness(mm)	Adhesive Thickness(mm)	Sample Size L (mm) ×W(mm)
0.03~0.05	0.005~0.01	0.005~0.01	60×60
0.06~0.08	0.01~0.03	0.01~0.03	125×60 125×115
0.10	0.01~0.03	0.01~0.03	
0.15	0.03	0.01~0.03	
0.20	0.03~0.05	0.03~0.05	
0.30	0.03~0.05	0.05	

/Note: Provide products according to customer requirements

/Construct



Storage

1. /Avoid storing in high-temperature and high-humidity condition.
2. 5~35°C/ 65%RH 以下。 /Storage condition : temperature 5°C ~ 35°C ,humidity less than 65 [%RH].
3. /Shelf life: The product should be used within 1 year since receiving them.



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