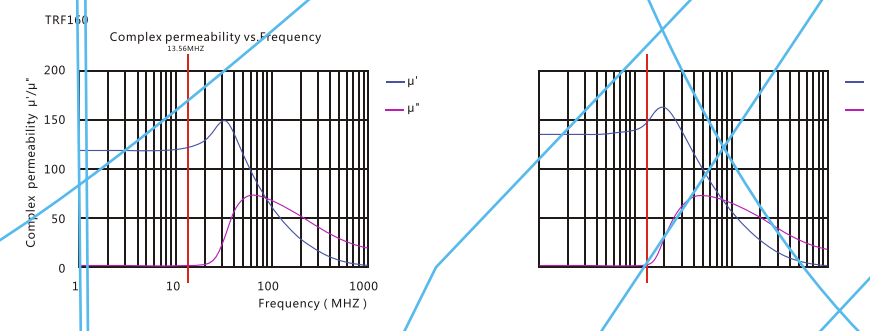




Electrical Characteristics

Material	Typical Value		
	TRF160	TRF180	TRF220
Real part permeability μ' @13.56MHz	130±20%	150±20%	170±20%
Imaginary part permeability μ'' @13.56MHz	1.5	2.5	3.5
Operating frequency	13.56MHz		
Operating temperature	-40°C ~ 85°C		

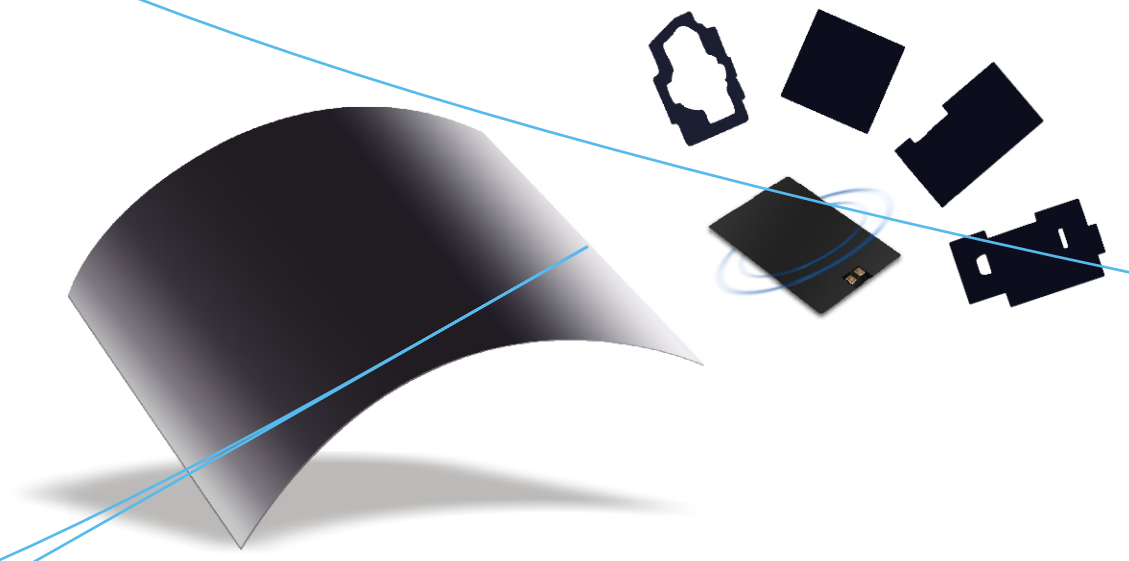
Permeability Characteristic



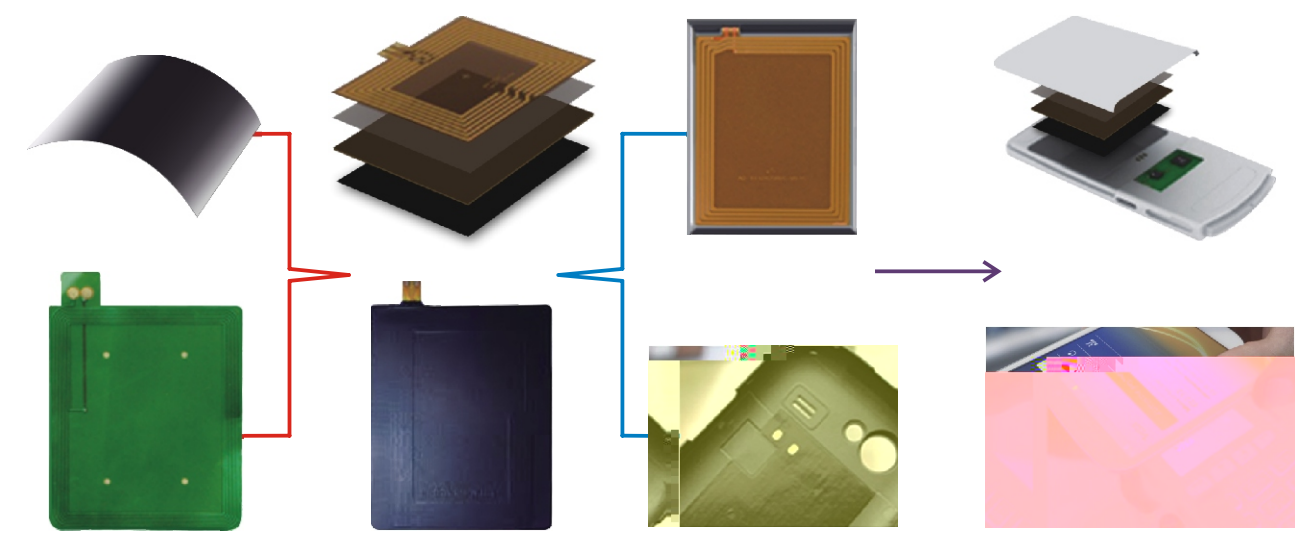
Ferrite Sheet

for NFC Antenna

NFC天线用铁氧体磁片



产品应用 Applications

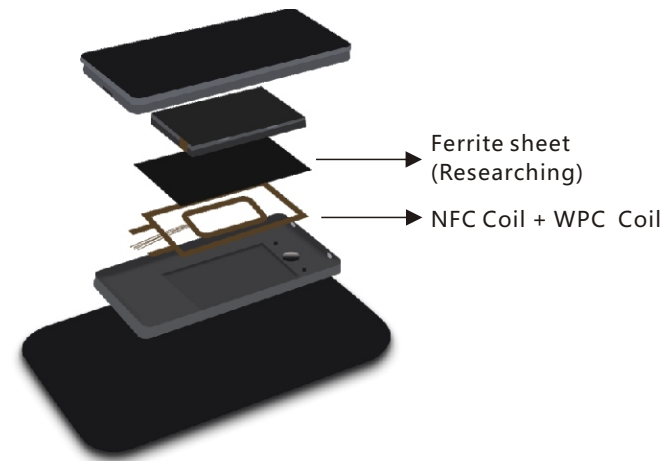


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产品趋势 Product Trends



Features 铁氧体磁片作用

- 有效改善NFC天线产品的性能
Effective improvement of mobile NFC system
- 产品可以折弯
Flexible
- 带有双面胶与组合体紧密贴合
Suited for thin and compact devices
- 通过增加天线的磁场强度
有效增加感应距离
Increased magnetic field

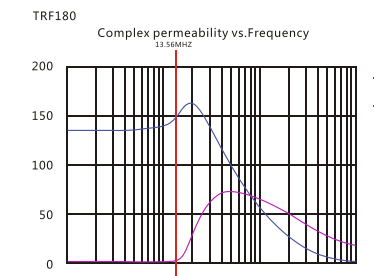
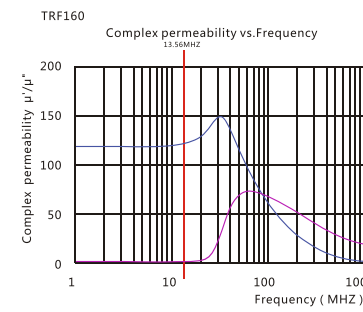
注：铁氧体磁片同时可以满足NFC和WPC的需求，且互不干扰
The ferrite sheet can meet the WPC & NFC at the same time, without interference.

电磁特性

基本特性

材料	TRF160	TRF180	TRF220
磁导率实部 μ' @13.56MHz	130±20%	150±20%	170±20%
磁导率虚部 μ'' @13.56MHz	1.5	2.5	3.5
工作频率	13.56MHz		
工作温度	-40°C ~ 85°C		

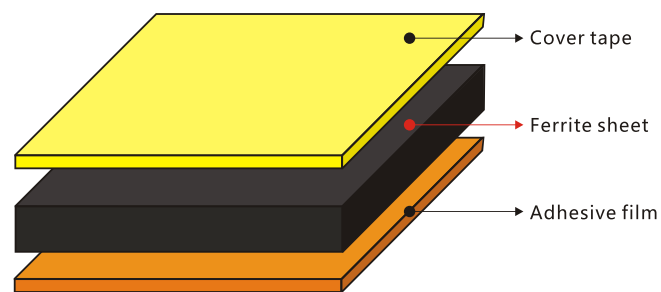
磁导率特性曲线



Structure

产品构成

外观 Appearance



Part Number

料号说明

TRF — 160 — I — L×W×T
(1) (2) (3) (4)

- (1) : TDG铁氧体磁片代码/ TDG flexible ferrite sheet
- (2) : 磁导率代码/ Permeability ($\mu'=160$)
- (3) : 形状规格代码/ Type
- (4) : 尺寸代码 (mm)/ Size (mm)

Structure and Dimension (mm)

产品规格尺寸

Ferrite Thickness	Cover Film +Adhesive Thickness	Total Thickness	Sample Size L(mm)×W(mm)
0.06	0.01mm + 0.01mm	0.08	60×60 120×60
0.08	0.01mm + 0.01mm	0.10	
0.10	0.02mm + 0.02mm	0.14	
0.15	0.02mm + 0.02mm	0.19	
0.20	0.03mm + 0.03mm	0.26	

可根据客户设计尺寸提供模切产品
Provide die-cutting products according to customer requirements