

HFC-2000 铁氧体材料

HFC-2000 Series Ferrite Sheet

用于 RFID(NFC)和无线充电材料 Be used for RFID(NFC) and WPC Materials

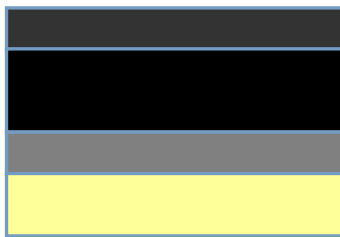
专业 专心 专注



随着智能手机的推广，一种基于手机支付的市场需求被提出，NFC手机支付应运而生。但NFC天线在金属环境下，13.56MHz数据读取遇到瓶颈，HFC-2000正是为解决这一瓶颈的最佳产品。该产品磁性能优良，使用简易，易于裁切，且超薄，完全满足当今移动设备轻薄化设计理念。

Along with the widely promotion of Smart phone,A theory base on NFC are put forward by market requirement and make NFC Mobile Payment emerged at the right moment.But the metal invironment for Antenna caused a "Bottle Neck" for the data reading on 13.56MHz. HFC-2000 was developed for the purpose of solve this problem,This products are excellent in Magnetism ,Ultra-thin and easy to using ,available for kiss cut and satisfied wth the currently thin and light design concepts.

产品结构 The Structure of HFC-2000

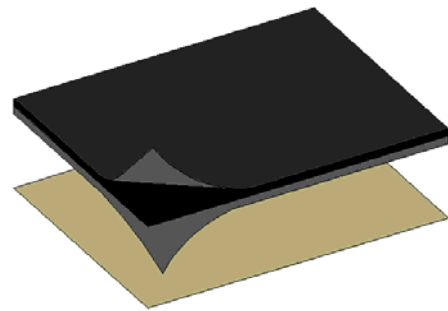


PET 薄膜 PET Film

铁氧体 Ferrite

双面胶 Adhesive Tape

离型纸 Release Liner



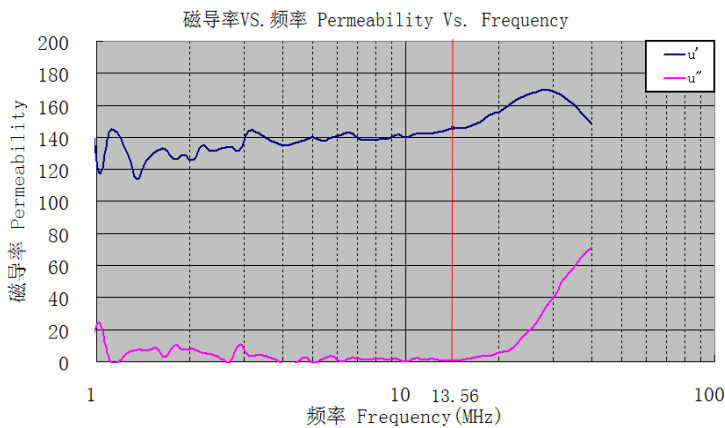
结构组成 Structure

图片展示 Picture Show

产品规格 The Specification of HFC-2000

Items	磁性薄片 Ferrite	HFC-2000
工作温度 C° Operating temperature		-40~85
@ 13.56MHz	μ'	130 ± 10%
	μ''	< 3
厚度 Ferrite Thickness		0.08mm/0.1mm/0.15mm (含胶带与PET膜 Adhesive layer and PET film)
应用 Main application		移动手机读写卡；13.56MHz 的标签 Mobile Phone Reader and Writer; Tag (@13.56MHz)
尺寸 Dimensions		可根据客户要求定制 118x118mm, 125x125mm Can be custom-made
满足 RoHS 要求 RoHS Compliant		

产品磁导率频谱 The Permeability VS Frequency of HFC-2000

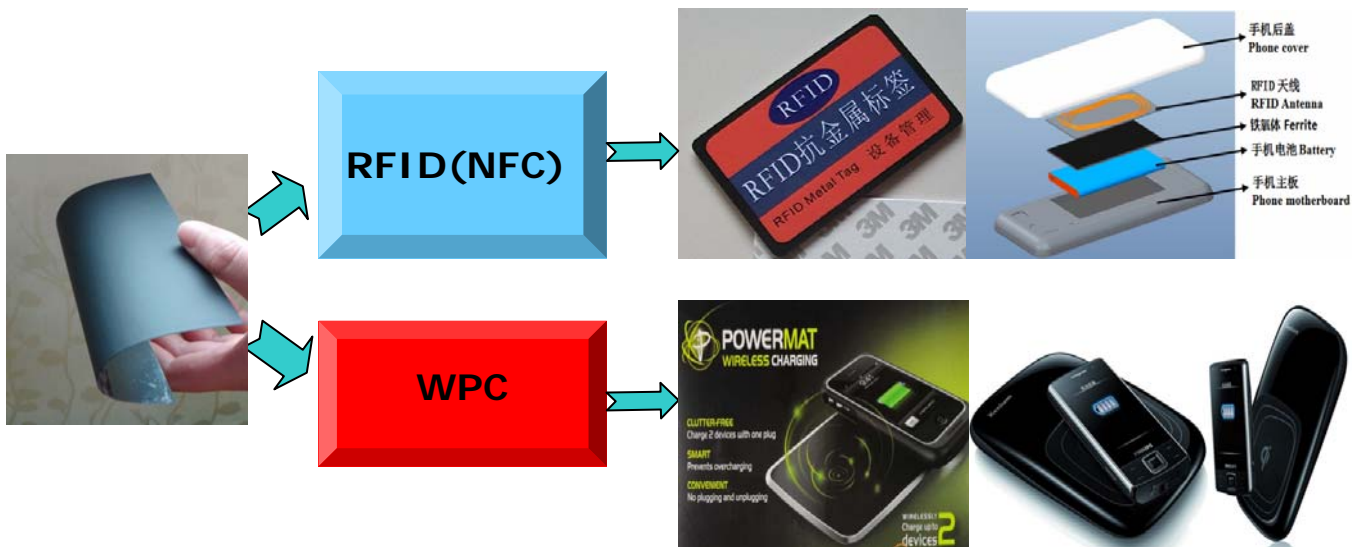


数据曲线 Data Curve



Agilent 4294A

产品用途 The Application of HFC-2000



应用原理 The Principle of the Application with HFC-2000

