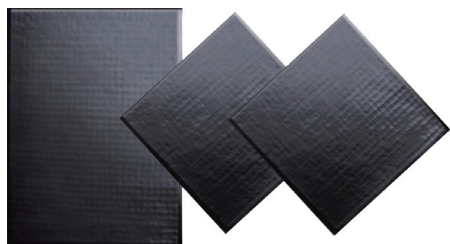


吸波材料系列-NFC铁氧体吸波材料 (LT-2000)

Absorbing material series-NFC ferrite absorbing materials

用于RFID的LT-2000系列柔性铁氧体片 LT-2000 Series Flexible Ferrite Plate For 13.56MHz RFID System



随着无线标签及读卡器在手机上的应用，NFC手机支付的大力推广，以及13.56MHz的RFID终端设备的普及，用于狭小空间和高性能改善共振频率波动性的磁性材料必须满足超薄及高 μ' 、 Q 值的优越性能，而烧结体薄板是真正符合这一需求的产品。

As the wireless RF tags, card reader and NFC mobile payment application on mobile phones, and the 13.56 Mhz RFID popularity of terminal equipment, the LT-2000 type of sintered ferrite plate absorbing materials has conform to the demand for narrow space and high performance to improve the resonant frequency and to meet the volatility of ultra-thin and high μ' 、 Q value.

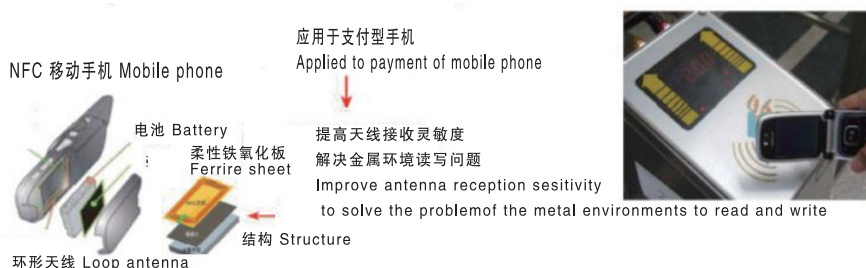
结构 Structure



特性及优势 Features and Benefits

- 具有一定的柔软性 Flexible
- 可粘贴，可裁切 Can paste and cutting
- 超薄烧结高 μ' 值、 Q 值 Ultra-thin to sintered and high μ' 、 Q value.

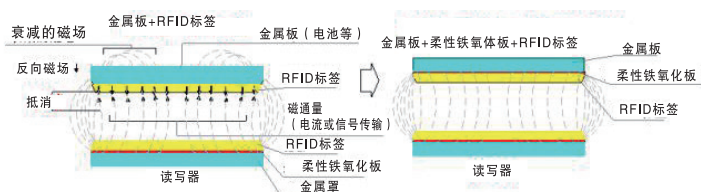
应用图 Application



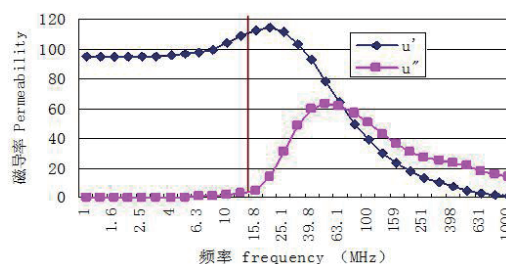
原理图 Principles

柔性铁氧体片使13.56MHz RFID系统通信得到优化

The Principle of the 13.56MHz RFID System Optimized with Flexfield



磁导率曲线 Permeability vs. Frequency Characteristics



(规格)Specification

项目 Items	铁氧体 Ferrite	LT-2000	
工作温度 Operating temperature（℃）		-40~85	
at 13.56MHz	μ'typ.	95	200
	μ"typ.	3	46
厚度 Ferrite Thickness		0.1mm/0.15mm/0.2mm 含胶带与PET膜 Include the 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		55x80mm，50x50mm 可根据客户要求定制 Can be custom-made	
满足RoHS 要求 RoHS Compliant Products			