

HF Absorber - 13.56MHz RFID Absorber (高頻吸波材—13.56MHz 無線射頻辨識系統吸波材)

Introduction

HF Absorber has been used widely in the 13.56MHz frequency, such as the ETC, mobile payment and transportation cards and RFID device, the main purpose is to increase the distance the signal recognition ability. Some times, The money card mobile phone or send and receive signals of the loop antenna generated by the conductivity near the metal antenna and have ongoing communication with the base station of the communication distance becomes very short. To solve these problems and create high-frequency absorbing material, absorbing material in accordance with its high-frequency characteristics (HF Absorber) will change to a loop antenna specifications. Absorber is located at the rear loop antenna is for this form of distance problems can be resolved quickly and easily

Features

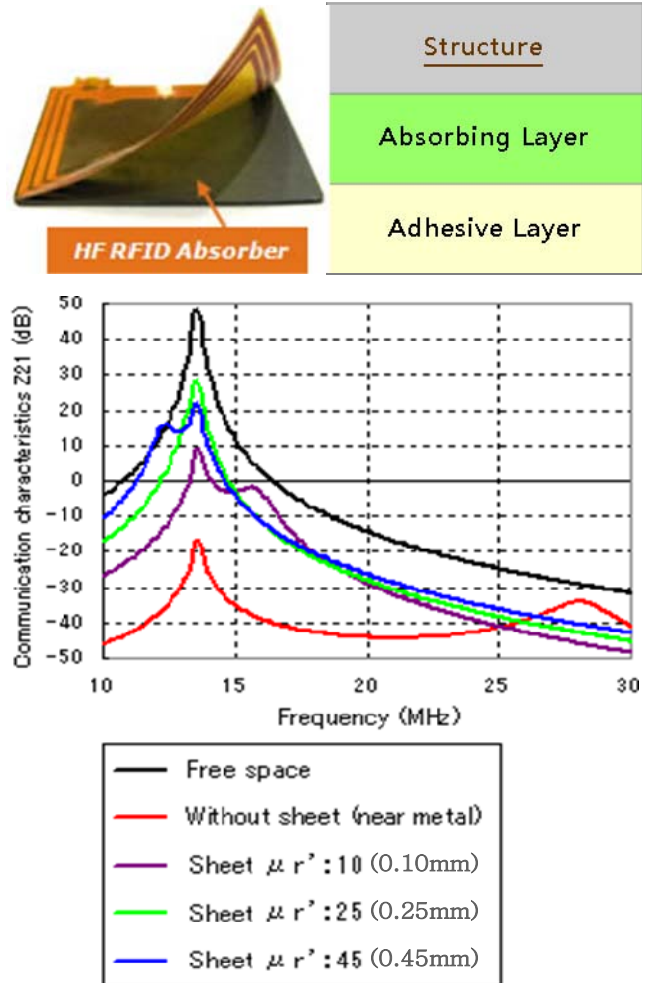
- Prevent interference with the adjacent loop antenna for electromagnetic signals.
- Thin, light weight, flexible plastic, easy to handle.
- High surface resistance (minimum 1.0×10^9).

產品介紹

高頻吸收波材已經使用廣泛的被使用在 13.56MHz 的頻率，如 ETC, 悠遊卡和 RFID 信號識別裝置，主要的目的是為了增加訊號辨識能力的距離。由時後，行動電話內的悠遊卡或發送和接收信號的環形天線（環形天線）所產生接近金屬的電導天線和已進行中的通訊與基地台的通訊距離變的很短。為了解決這些問題，創造高頻吸波材，根據其特點高頻吸波材(HF Absorber)會改變為一個環形天線規格。吸收器是位於的環形天線後方是非常適用於此形態的，距離問題是可以被迅速和容易的解決。

產品特性

環形天線可防止干擾相鄰的金屬電磁信號
薄·重量輕·彈性塑料·易於處理
高表面電阻（最小 1.0×10^9 ）



Item (系列料號)	HF Absorber	
	Content (物性內容)	IDA-P-R
Thickness (厚度)	0.1~0.5mm	0.1~0.5mm
Frequency Range (頻寬)	13.56 MHz	
Material (原料)	Microwave Absorbing + Thermoplastic elastomer	
Hardness (Shore A) (硬度)	80 ± 5 (for Standard type)	
Service Temp. (°C) (工作溫度)	- 30 ~ 150	
Standard Size (標準尺寸)	Roll Type : 240 x Length	Sheet Type : 210mm x 300mm
Flammability (可燃性)	Non Flammable	
Surface Resistance (Ω) (表面電阻)	Min 1.0×10 ⁹	
Density (g/cm ³) (密度)	3.4	3.2

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