

TNF050 Series_ 13.56MHz For NFC antenna, Noise Suppression of High Permeability

Feature:

Wireless technology products have gradually become an integral part of daily life, but for majority of people cannot clearly grasp the material characters for how to use. Therefore, hoping the right material could provide more solutions with excellent performance.

Application:

Noise Suppression :

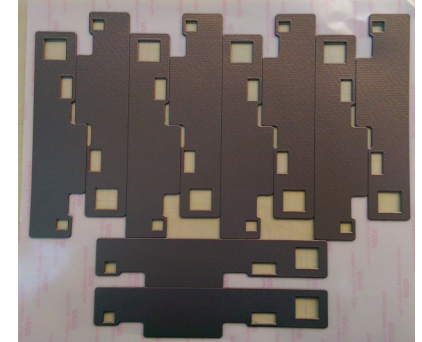
High permeability product can effectively enhance the absorption from 10MHz~10GHz under the thickness restrictions. Wireless AP、Applies to Consumer Electronics、Laptop、TV Box、Smart phone、Handheld device、Car electronic and Smart medical...

RFID and Wireless:

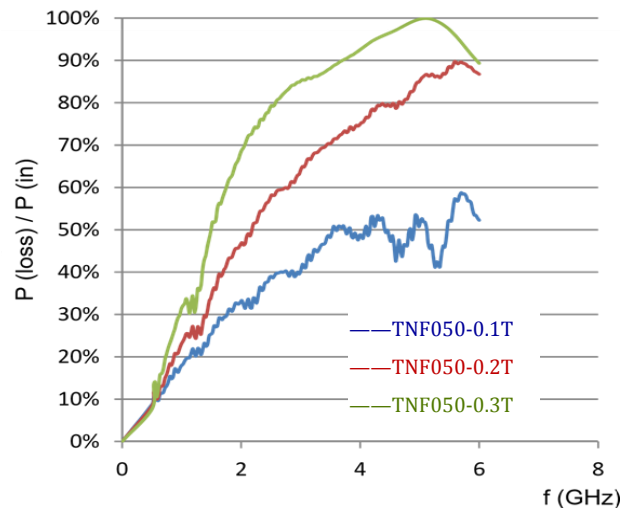
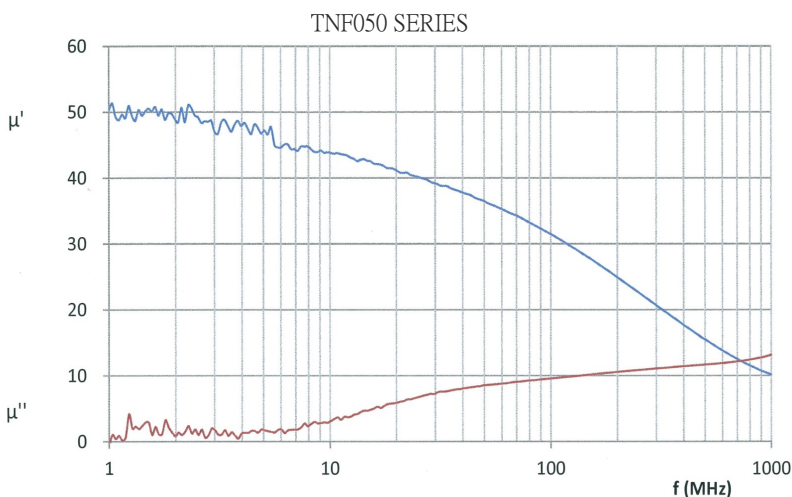
Improve communication distance. Card Reader) °

To avoid the failure which the antenna is affixed to the metal material.(NFC products、NFC in order to avoid the frequency drift.

Provide customized permeability in order to avoid the frequency drift and Wireless charger.



Part No.	TNF050 SERIES
Applicable Frequency	10MHz~6GHz (Noise Suppression)
Standard Product Thickness (mm)	0.1 / 0.2 / 0.3
Standard Product Size	210mm x 300mm / (Roll Acceptable)
Maximum using Temperature (°C)	-30~110
Surface Resistivity (Ω)	>1x10 ⁶
Density (kg/m ³)	>100
Permeability- μ' (1MHz)	50
Remarks	Halogen-free, RoHS Compliant



U-TEK EMI CORP 有德科技股份有限公司

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TNF125 Series_13.56MHz For NFC antenna, Noise Suppression of High Permeability.

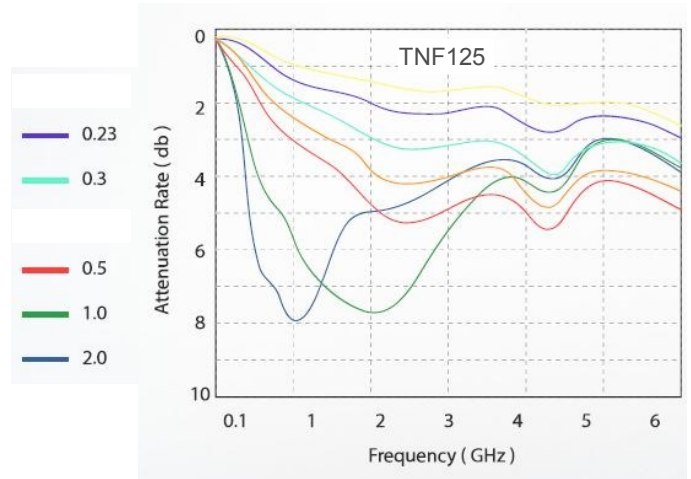
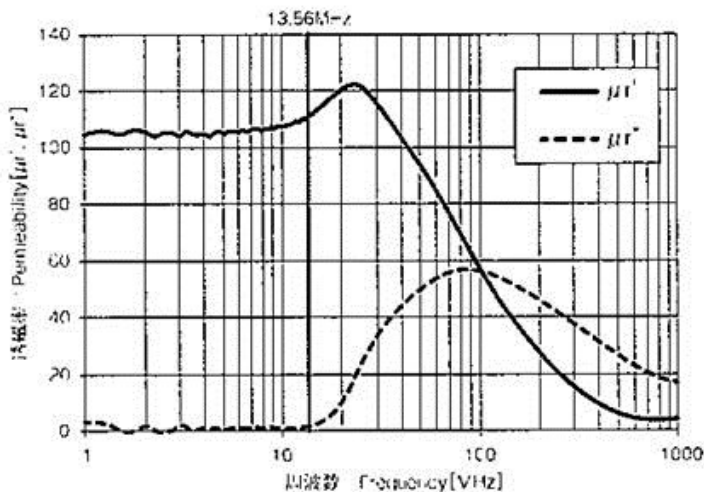
■ 產品特點

- 電磁波雜訊抑制用軟磁性橡膠薄膜
- 無鹵素的型號
- 適用在高透磁率的產品上
- 注重環境保護、符合 RoHS 指令要求

■ Features

- Electromagnetic noise suppression with a soft magnetic rubber film
- Halogen-free type
- High permeability type is available.

Product Name (產品型號)	TNF125 SERIES
Applicable frequency (應用頻率)	10MHz ~ 6GHz
Standard product thickness (mm) (標準厚度)	0.23 / 0.3 // 0.5 / 1.0 / 2.0
Product Size (標準片材尺寸)	300 x 210mm / Sheet (Roll Accept)
Operation temperature (°C) (工作溫度範圍)	-40~+85°C
Surface Resistivity (Ω) (表面電阻)	1.0x10 ⁹
Density (g/cm ³) (密度)	≥ 3.6
Thermal conductivity (W/m K) (導熱率)	0.5
Environment (環境規範)	RoHS Compliant
Permeability μ' (導磁率)	125
※ Without adhesives ※The figures shown below are reference values (無背膠時的測試參考值)	



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