肥特補科技股份有限公司
Feedpool Technology Co., Ltd

Technical Data Sheet
WP-RX-A04-015
Wireless charging coil floppy disk

產品說明

FeedPool®WP-RX-A04-015 This product is made by mixing special alloy powder and plastic after grinding, and the non-iron oxide powder sintering process Ferrite. Improve the charging coil to be disturbed by the metal background to recover the magnetic field lines, increase the coil Q value (high inductance, low resistance), so the transmission efficiency can also be improved, and the soft magnetic sheet has a high thermal conductivity (1.4 W/mK) to achieve good heat dissipation.

Product Features:

- Applicable to WPC Qi specification.
- The separator has a high permeability.
- Excellent thermal conductivity，1.4 W/mK Thermal conductivity。
- The recovery rate is achievable100%.
- We can provide different forms of materials according to customer needs.
- RoHS compliant.

Product Applications

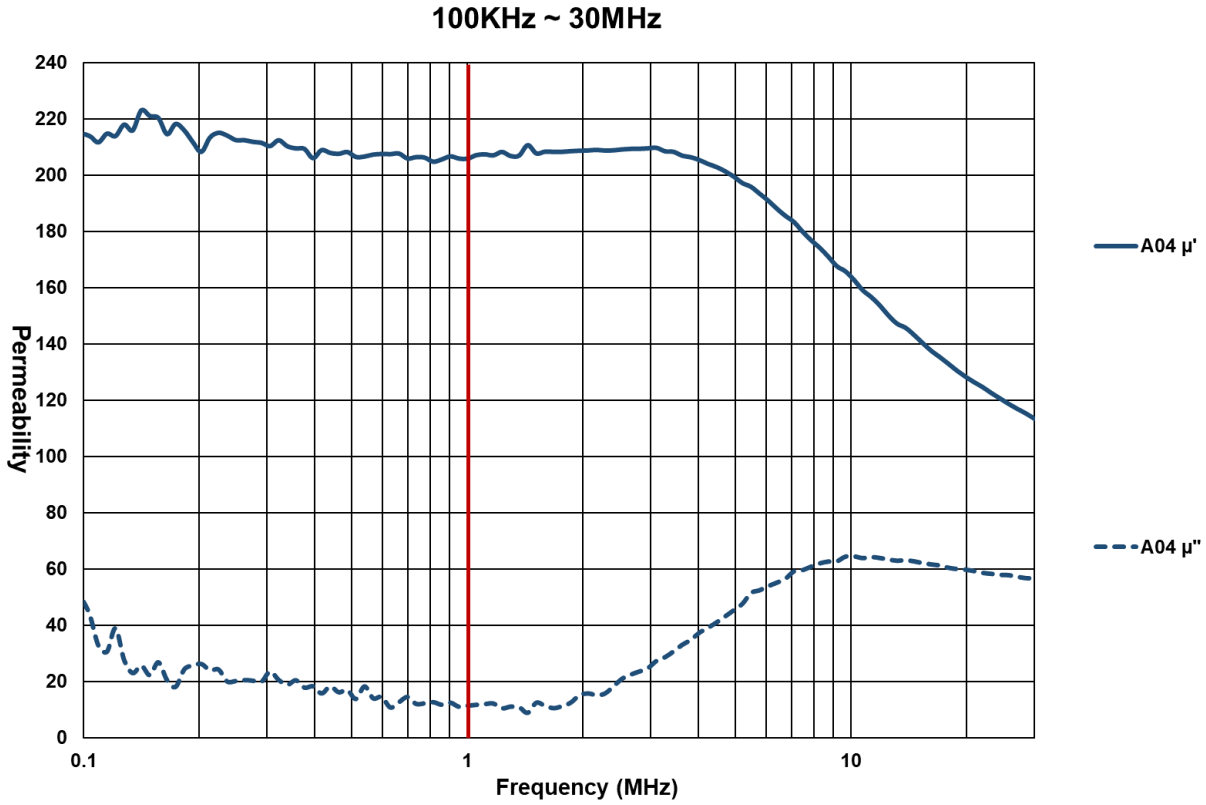
- Wireless charging module for electronic devices (mobile phones, bracelets, tablets, etc.).
- Wireless charging pad for cars.
- Smart furniture wireless charging module.
- Wireless charging module for smart home appliances

Product Specifications:

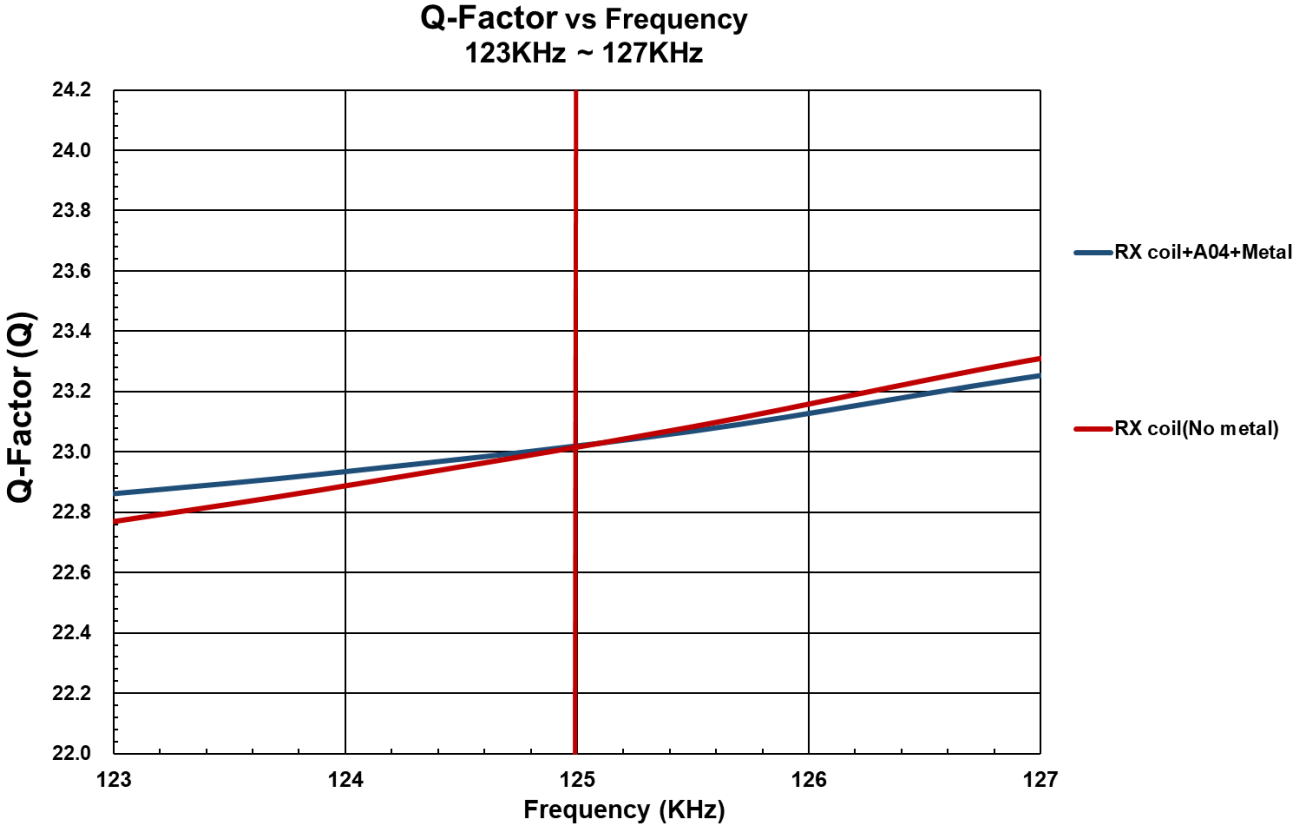
Item	Description
Product shape	One-sided
Applicable frequency bands (KHz)	100 ~ 200
Thickness(No adhesive backing) (mm)	0.15 ± 0.02
Quality Factors @125KHz Q-Factor	23.07 ± 5
Recovery rate @125KHz(%)	100 ± 3
Surface resistance (Ω/□)	≥ 10^6
Thermal conductivity (W/mK)	1.4 ± 0.5
Color	silver gray
Material	Ferrite ceramic sheets

***Thermal conductivity quantity measurement equipment HOT DISK (Sensor 5465 for Slab)**

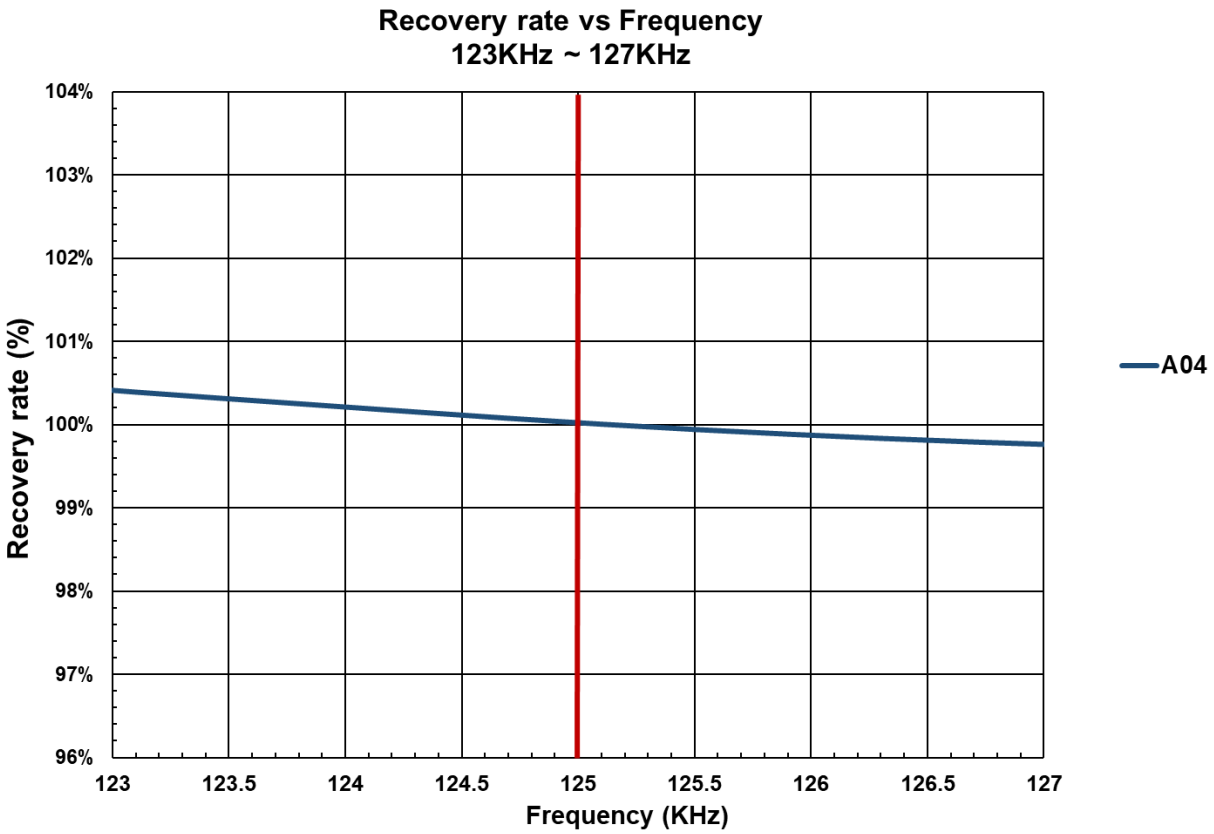
Permeability (100KHz~30MHz)



WP-RX-A04 Q-Factor (123KHz~127KHz)



WP-RX-A04 Recovery rate (123KHz~127KHz)



Product code

WP-RX-A04-015-XX
X : Length (30m ~ 50m)

General information

- For information on the safe handling of this product,please refer to the Safety Data Sheet (SDS).
- Technical data is tested under the laboratory conditions of Feedpool Technology Co.,Ltd.

Feedpool Technology Co.,Ltd.
Address: No.7,Lane 607,Yung Ping Road, Yangmei City Taoyuan, Taiwan.
Website: www.feedpool.com Tel: 886-3-4813158 Fax: 886-3-4813059