

Wireless Charger Module

無線充電線圈模組

INTRODUCTION 產品介紹

感應式充電（也被稱為“無線充電”）使用電磁場的兩個電氣裝置之間的能量轉移。這種轉移通常是從一個稱為源的充電站，充電到可攜式裝置中。在充電的方式中是首選，優於有線連接方式。

Inductive charging (also known as "wireless charging") uses an electromagnetic field to transfer energy between two electrical devices. This transfer is generally from a charging station, so called a source, to a chargeable and portable device. The method is preferred for cases in which a wired connection is not possible or preferred.

FEATURE 特色

1. For Rx applications up to 10 W.
Rx 可應用於 10W
2. High permeability shielding for wireless charging receiving coils.
無線充電接收線圈搭配高導磁性氧化鐵屏蔽。
3. Blocks charging flux from sensitive components or batteries.
建構感應元件利用磁通流量使電池充電。
4. High saturation powdered iron - not affected by Durable construction permanent locating magnets.
高飽和鐵粉-由永久性磁鐵定位使充電效率不受位置影響

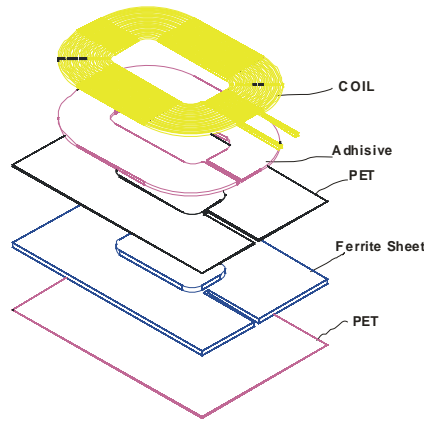
APPLICATION 適用產品

1. Wireless charging for mobile phone and battery powered handheld electronic devices.
內建近場通訊功能之智慧型手機、平板電腦及筆記型電腦。
2. Cameras.
相機/攝影機
3. MP3/PMP.
4. Gaming devices.
無線遊戲設備。

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無線充電線圈模組

STRUCTURE 結構



PART NUMBER SYSTEM 編碼系統



GWC Series 系列

Characteristics 電器特性

Structure 結構	Inductance 感值 (μH) Tolerance 公差	Q Min. 品質 係數	Test Frequency 測試頻率 (MHz)	DC Resistance 直流電阻 (Ω) Max.
Coil+Ferrite sheet (EBHS)	10.5 \pm 10%, \pm 20%	30	0.1	0.20
FPC+Ferrite sheet (EBHS)	10.5 \pm 10%, \pm 20%	30	0.1	0.45

* TEST EQUIPMENT: E4991A MATERIAL ANALYZER 量測儀器：E4991A 材料分析儀