

RFS TAPE SERIES—Hybrid type EMI Absorber ( Absorbing + Shielding )

射頻膠帶系列混合型吸波片 ( 吸收+屏蔽 )

Introduction

EMI RF tape is the development of the world's first patented product. The world's first less than 0.1mm thick, but also has a damping effect, the tape formed by the RF absorbing layer shielding products. Including double-sided tape is not greater than 0.15mm thick absorption layer and multi-level electromagnetic shielding layer laminated shielding against electromagnetic waves can be converted tape can be used in special demand. Sometimes, the insulated shield wires can prevent the risk of short circuit boards, cable shielding, impedance matching, anti-static properties to effectively control the problem could concern. RF shielding layer and the layer of tape combinations, depending on the form used in a variety of modes of production and assembly location.

Features

Slim type RF-type is composed of multi layers ( insulated, conductive and absorbing layer respectively)

The applicable frequency range is from 10MHz to 18GHz

產品簡介

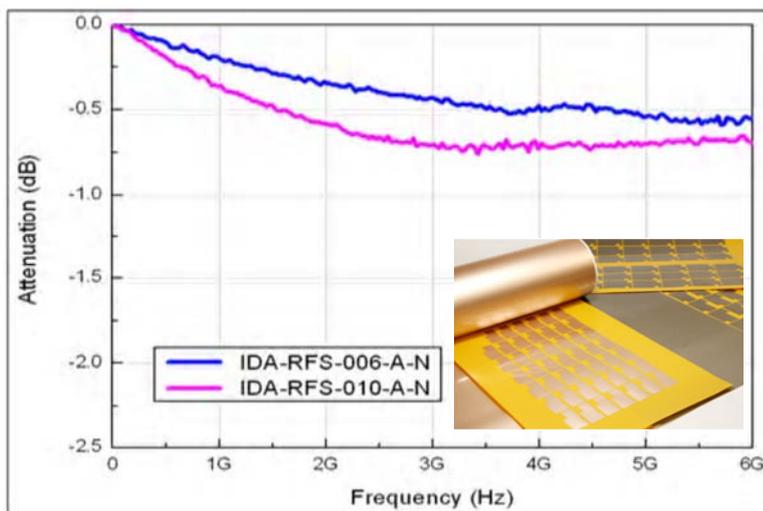
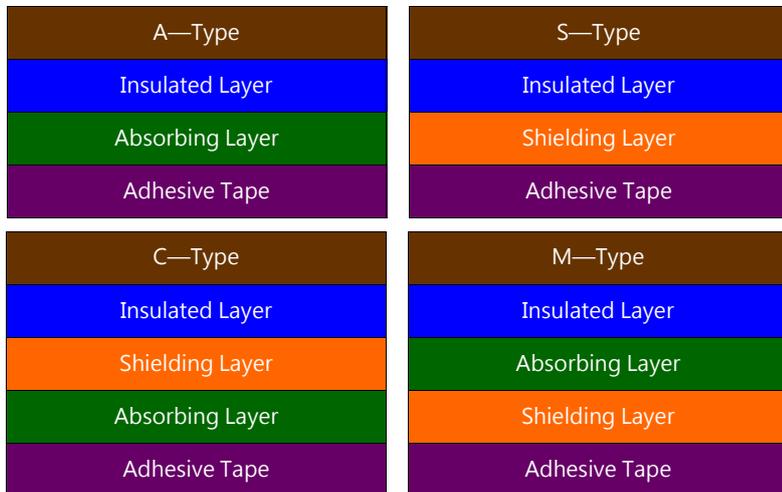
射頻磁帶是世界上 EMI 發展第一個獲得專利的產品。全球第一個小於 0.1mm 厚，同時也擁有減震效果。由射頻磁帶形成了吸收層的屏蔽產品。包括雙面膠帶不大於 0.15mm 厚。多層次的吸收層和屏蔽層組成的電磁屏蔽的可轉換積層防電磁波膠帶可以應用在特殊需求時。有時候，絕緣屏蔽電線可預防電路板短路的風險。電纜屏蔽。阻抗匹配。防靜電性能可有效防制所能顧慮到的問題。射頻磁帶屏蔽層與層的組合方式。取決於在各種形式下所使用的生產方式與組裝地點。

產品特性

超薄型射頻類型組成的多層次 ( 絕緣·導電和吸收層分類 )

適用的頻率範圍從 10MHz 至 18GH

Product Cross - Sectional View — 產品截面圖



| Item (系列料號)             | A type  |           | C type                            |           | M type    |           | S type                |
|-------------------------|---|-----------|-----------------------------------|-----------|-----------|-----------|-----------------------|
|                         | RFS-008-A   | RFS-012-A | RFS-011-C                         | RFS-015-C | RFS-011-M | RFS-015-M | RFS-005-S             |
| Content (物性內容)          |   |           |                                   |           |           |           |                       |
| Thickness (mm) [厚度]     | 0.08  | 0.12      | 0.11                              | 0.15      | 0.11      | 0.15      | 0.05                  |
| Tolerance (mm) [公差]     | Thickness ± 0.02                                      |           |                                   |           |           |           |                       |
| Structure [結構]          | Absorbing + Insulated                                 |           | Absorbing + Shielding + Insulated |           |           |           | Shielding + Insulated |
| Frequency Range [範圍]    | 10MHz ~ 18GHz   |           |                                   |           |           |           |                       |
| Resistance(Ω) [電阻值]     | Min 1.0 x 10 <sup>12</sup> [Insulator]                |           |                                   |           |           |           |                       |
| SE (dB) 30MHz~1GHz [分貝] | —   |           | Min. 40                           |           |           |           |                       |
| Standard Size [標準尺寸]    | 210mm x 300mm   |           |                                   |           |           |           |                       |
| Adhesive Tape [雙面背膠]    | A ( 100µm ) / A1 ( 50µm ) / A2 ( 30µm ) / A3 ( 20µm ) |           |                                   |           |           |           |                       |

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