

IDCIM SERIES - 積層和寬頻型吸波材 - Double and Wide band type EMI Absorber

Introduction

IDCIM series is a series of product changes IDCIM products come from the multi-layer laminated materials or a combination of microwave absorbing material. This particular technology products, the implementation of a specific frequency band requires a very high return loss or in a wide frequency band used to get a better absorbing performance. Multi-layer stacking and the applicable frequency range be provided by the customer to develop products SPEC.

Features

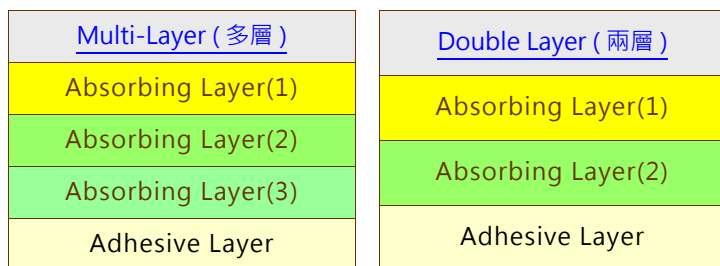
- Two or more layers of soft magnetic materials can be composed of two or more multi-storey absorption layer.
- Applicable to broadband and narrowband, wide band electro-magnetic wave absorbing piece that can double in the best performance.
- Applicable frequency band: C (4 ~ 8GHz's), X (8 ~ 12GHz), Ka, K Heat transfer function can be added.

產品介紹

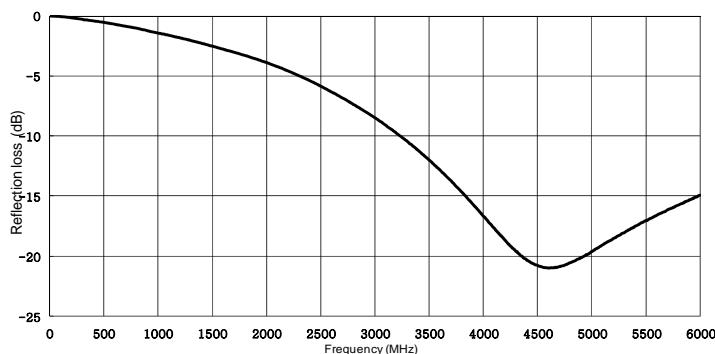
IDCIM 系列是由 IDCIM 系列產品所變化而來的系列產品, 由積層或多層材料所結合而成的微波吸收材. 這種特定技術的產品, 執行一個特定的頻率波段需要一個非常高的回波損耗或在很寬的頻帶用於獲取更好的吸波性能. 多層的堆疊方式及適用的頻率範圍需由客戶所提供的產品中來制定 SPEC.

產品特性

- 兩層或更多層的軟磁性材料, 可組成的兩個或兩個以上的多層吸收層.
- 適用於寬頻與窄頻, 這種雙寬頻帶電磁波吸收片能處於最佳效能.
- 適用頻率波段: C (4 ~ 8GHz 的), X (8 ~ 12GHz), Ka, K 可以添加熱傳導功能



IDCIM-300-4.3G



Item (系列料號)	IDCIM SERIES						
	IDCIM-075	IDCIM-100	IDCIM-150	IDCIM-200	IDCIM-300	IDCIM-400	IDCIM-500
Content (物性內容)	IDCIM-075	IDCIM-100	IDCIM-150	IDCIM-200	IDCIM-300	IDCIM-400	IDCIM-500
Thickness (mm) (厚度)	0.75 (±0.05)	1.00 (±0.10)	1.50 (±0.20)	2.00 (±0.20)	3.00 (±0.30)	4.00 (±0.40)	5.00 (±0.50)
Frequency Range (頻寬)	6GHz ~ 20GHz			500MHz ~ 6GHz			
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)	210mm X 300mm						
Flammability (可燃性)	Non Flammable						
Surface Resistance (Ω) (表面電阻)	Min 1.0×10 ⁶						
Density (g/cm3) (密度)	3.6 ± 0.5 (for Standard type)						

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