

吸波材料

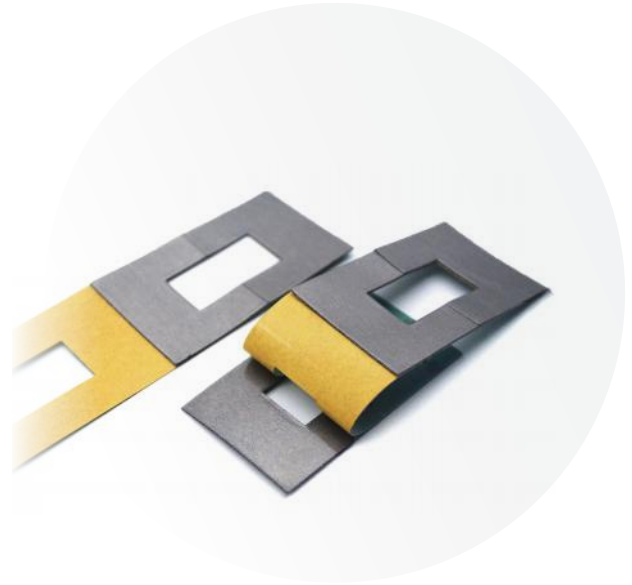
ABSORBING MATERIAL

吸波片 Absorber

产品介绍 PRODUCT INTRODUCTION

吸波片是指能吸收投射到它表面的电磁波能量的一类材料，将这种材料应用于电子设备中可吸收泄露的电磁辐射，能达到消除电磁干扰的目的。

Absorber refers to a kind of material that can absorb the electromagnetic energy projected onto its surface. The application of this material in electronic equipment can absorb the leaked electromagnetic radiation and eliminate electromagnetic interference.



产品特点 PRODUCT FEATURE

- 吸波性能优异
- 耐湿，耐高温，抗腐蚀
- 频段广，从 20MHZ-100GHZ
- Excellent microwave absorption performance
- Moisture resistance, Temperature resistance, Corrosion resistance
- Wide frequency band, 20MHz-40GHz

典型应用 TYPICAL APPLICATION

- 汽车雷达
- 光模块
- 读卡器
- 影像通讯
- 无线充电
- Automotive radar
- Optical module
- Card reader
- Image communication
- Wireless charging

产品参数 PRODUCT PARAMETER

产品型号 Models	有效频率范围 Frequency Range	磁导率 Permeability	厚度 Thickness	使用温度 Application Temperature	体积电阻率 Volume Resistivity	阻燃等级 Flammability Rating	可背胶 Backed PSA	存储期限 storage period
		@1MHz	mm	℃	$\Omega \cdot \text{cm}$	UL-94	UL-94	month
SA 50	<6GHZ	50	0.03~0.5	-40~120	$\geq 10^6$	V0	√	12
SA 120	10M ~ 6GHZ	120	0.02~0.5	-40~120	$\geq 10^6$	V0	√	12
SA 150	10M ~ 6GHZ	150	0.03~0.5	-40~120	$\geq 10^6$	V0	√	12
SA 180	10M ~ 6GHZ	180	0.02~0.5	-40~120	$\geq 10^6$	V0	√	12
SA 220	10M ~ 6GHZ	220	0.03~0.5	-40~120	$\geq 10^6$	V0	√	12
SWA-5G	800MHZ-6GHZ	-	0.25-3	-40~150	$\geq 10^9$	V0	√	12
SWA-10G	6GHZ-18GHZ	-	0.25-3	-40~150	$\geq 10^9$	V0	√	12
SWA-15G	10GHZ-20GHZ	-	0.25-3	-40~150	$\geq 10^9$	V0	√	12
SWA-20G	15GHZ-25GHZ	-	0.25-3	-40~150	$\geq 10^9$	V0	√	12
SWA-25G	20GHZ-30GHZ	-	0.25-3	-40~150	$\geq 10^9$	V0	√	12
SWA-30G	25GHZ-35GHZ	-	0.25-3	-40~150	$\geq 10^9$	V0	√	12
SWA-35G	30GHZ-40GHZ	-	0.25-3	-40~150	$\geq 10^9$	V0	√	12