

SMD COMMON MODE FILTER 贴片共模滤波器**SRF1006M 系列****FEATURES**

- Excellent impedance characteristics, making it great for suppressing common mode noise.
- Winding type realizes small size and low profile for surface mounting.
- Frequency range to 200 MHz, rated current to 1.4A, inductance range 120 to 5000uH.

APPLICATIONS

- Suitable for noise suppression in common mode circle such as USB line of PC, peripheral equipments, small digital AV equipment, automotive power trains etc.

ORDERING CODE

SRF 1006M - 102 T

Packing style(T:taping; B: bulk)

Inductance value(uH)

Specification

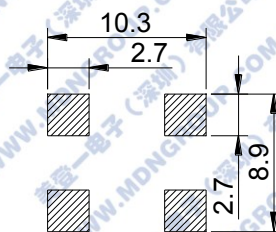
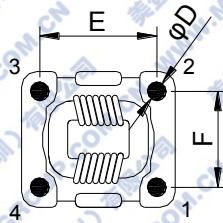
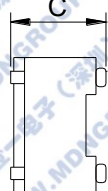
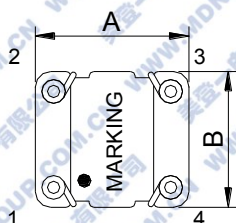
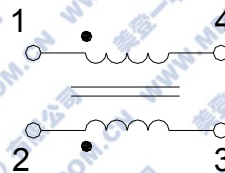
Type

特 征

- 良好的高频阻抗特性，能有效抑制共模噪音效果；
- 绕线结构，小尺寸适合表面贴装；
- 频率范围到 200MHz，额定电流达 1.4A，电感量从 120uH 到 5000uH。

用 途

- 适用于电脑及其外设、数字 AV 等设备的 USB 接口，笔记本电脑、LCD 的 LVDS 线、车载动力传输等共模噪音控制。

SHAPE**DIMENSIONS AND LAND PATTERNS(mm)****SCHEMATIC**

A(±0.3)	B(±0.2)	C(Max)	D(Ref)	E(±0.2)	F(±0.2)
10.0	8.7	6.5	1.5	7.6	6.2

SPECIFICATION

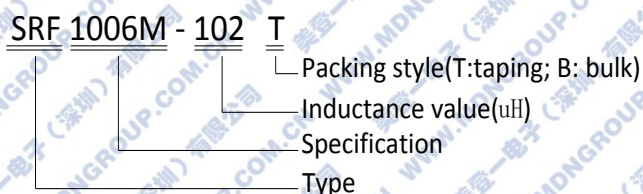
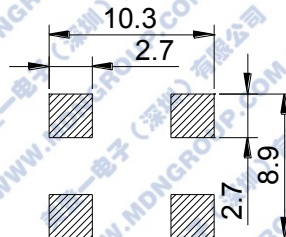
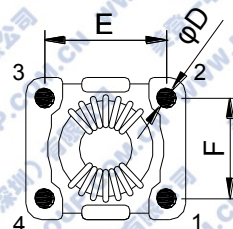
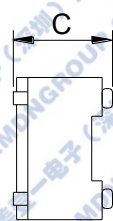
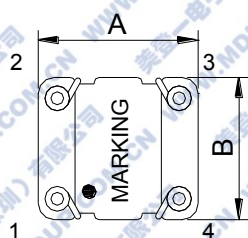
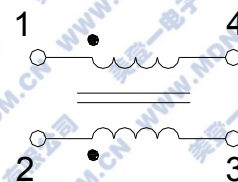
PART NO.	L 100KHz ±40% uH	Leakage Ind Max uH	DCR @25℃ Max mΩ	I _r (A) @Δ≤40℃ Max	V _r (V) Rated Voltage Max	Impedance	
						Freq. Range MHz	Z Min Ω
SRF1006M-121	120	1.45	0.025	1.40	50	10-200	200
SRF1006M-251	250	3.2	0.035	1.19	50	5-100	400
SRF1006M-501	500	5.6	0.070	0.84	50	2-50	800
SRF1006M-102	1000	12	0.180	0.52	50	1-40	1400

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SPECIFICATION

PART NO.	L 100KHz ± 40% uH	Leakage Ind Max uH	DCR @25℃ Max mΩ	I _r (A) @Δ≤40℃ Max	V _r (V) Rated Voltage Max	Impedance	
						Freq. Range MHz	Z Min Ω
SRF1006M-202	2000	0.23	0.270	0.40	50	0.5-15	2000
SRF1006M-302	3000	0.26	0.330	0.35	50	0.5-10	3000
SRF1006M-402	4000	0.27	0.550	0.30	50	0.5-5	4000
SRF1006M-472	4700	0.28	0.600	0.28	50	0.5-3	4500
SRF1006M-502	5000	0.29	0.680	0.25	50	0.5-3	5300

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SHAPE