

SMD COMMON MODE FILTER 贴片共模滤波器

SL5-HC 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.
- Impedance range from 500 Ω to 2200 Ω .

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

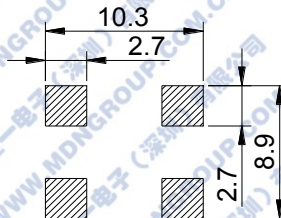
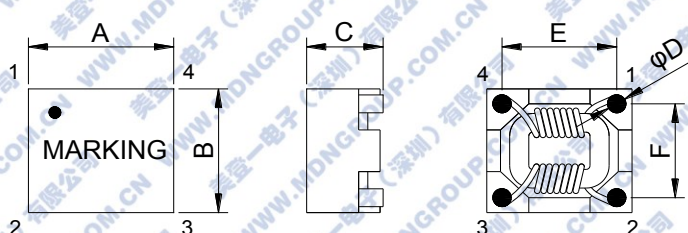
SL5-HC - 102 T

Packing style(T:taping; B: bulk)

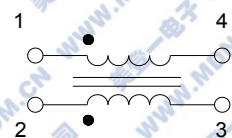
Impedance value(Ω)

Type

DIMENSIONS AND LAND PATTERNS(mm)



SCHEMATIC



A(Max)	B(Max)	C(± 0.2)	D(Ref)	E(± 0.2)	F(± 0.2)
9.5	8.3	5.0	1.2	7.5	6.3

SPECIFICATION

PART NO.	L(uH) 100KHz/0.1mA Typ	Lk(uH) 1MHz/1mA Typ	DCR(m Ω) @25 $^{\circ}$ C Max	I _R (A) @ $\Delta \leq 40^{\circ}$ C Max	V _R (V) Rated Voltage Max	Z(Ω) 100MHz $\pm 25\%$
SL5-HC-501T WE:744273501	5.0	0.57	5.5	5.0	80	500
SL5-HC-801T WE:744273801	9.0	0.97	11	3.5	80	800
SL5-HC-102T WE:744273102	11.0	1.30	30	2.5	80	1000
SL5-HC-222T WE:744273222	30.0	3.50	60	1.4	80	2200

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；
- 阻抗范围从 500 Ω to 2200 Ω 。

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

