

SMD COMMON MODE FILTER 贴片共模滤波器

SL2 系列

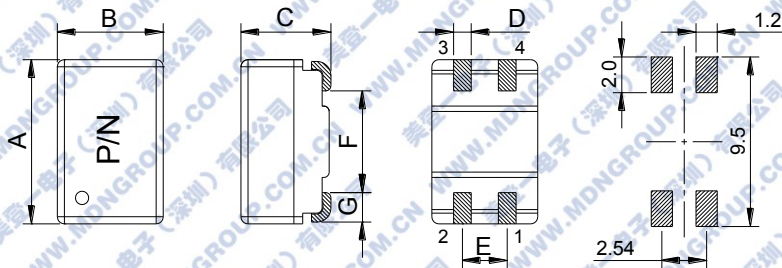
FEATURES

- Excellent impedance characteristics, making it great for suppressing common mode noise.
- Winding type realizes small size and low profile for surface mounting.
- Inductance range from 10uH to 6500uH.

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.

DIMENSIONS AND LAND PATTERNS(mm)



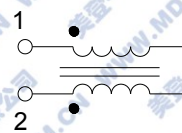
特 征

- 良好的高频阻抗特性，能有效抑制共模噪声效果；
- 绕线结构，小尺寸适合表面贴装；
- 电感量范围从 10uH 到 6500uH。

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声控制。

SCHEMATIC



A(±0.3)	B(±0.3)	C(±0.3)	D(±0.1)	E(±0.2)	F(Ref)	G(Ref)
9.2	6.0	5.0	1.0	2.54	5.7	1.4

SPECIFICATION

MIDEN'S P/N	WURTH'S P/N	L(uH) Inductance	Lk(nH) 1MHz/1mA Typ	DCR(mΩ) @25°C Max	I _R (A) @Δ≤40°C Max	V _R (V) Rated Voltage Max
SL2-L100	744226	10 ± 30%	55	80	1.6	80
SL2-L250	744228	25 ± 30%	60	120	1.0	80
SL2-L400	744225	40 ± 30%	80	250	0.9	80
SL2-L510	744227	51 ± 30%	85	160	1.0	80
SL2-L251	744224	250 ± 50%	60	130	1.2	80
SL2-L501	744223	500 ± 50%	75	150	1.0	80
SL2-L102	744222	1000 ± 50%	90	207	0.8	80
SL2-L202	744221	2000 ± 50%	130	420	0.6	80
SL2-L472	744220	4700 ± 50%	180	750	0.5	80
SL2-L652	744229	6500 ± 50%	280	950	0.4	80

REMARK:1. L TEST CONDITION: 10—51uH@1KHz/ 0.1V; 250—6500uH@100KHz/ 5mV.

2. INSULATION TEST VOLTAGE 500VAC @ 50Hz/3mA/3Sec.