

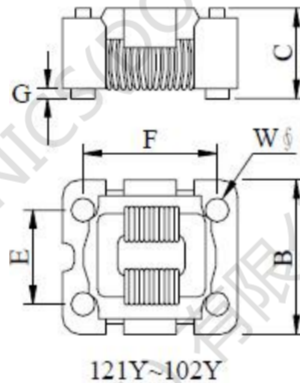
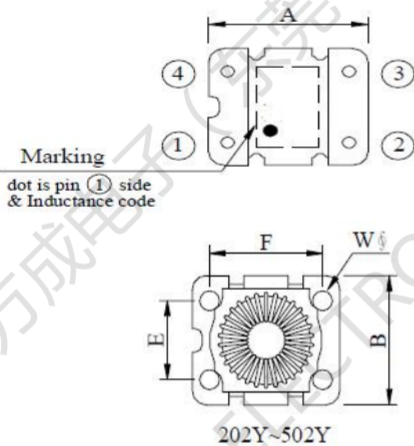
## SMD Common Mode Line Filter

### FC-SLF1065 –Series

- Small size
- High Impedance up to 13000  $\Omega$
- High current up to 2500mA
- Ambient temperature  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$
- Storage temperature Component:  $-40^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$

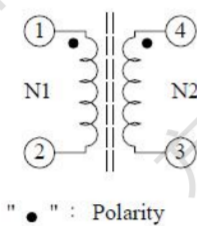


### 1. Dimensions:mm

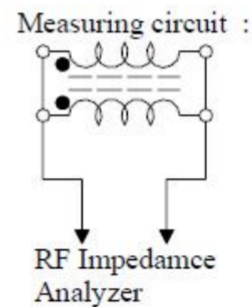


A	: 10.00 $\pm$ 0.3	m/m
B	: 8.70 $\pm$ 0.3	m/m
C	: 6.50 max.	m/m
E	: 6.22 $\pm$ 0.1	m/m
F	: 7.62 $\pm$ 0.1	m/m
G	: 0.30 min.	m/m
W $\phi$	: 1.50 ref.	m/m

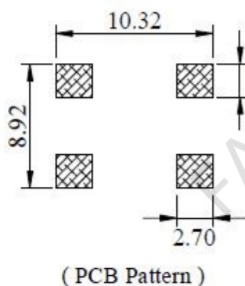
### 2.Schematic:



### 3. Test Setup:



### 4.LAYOUT RECOMMENDATION



## FC-SLF1065 –Series SMD Common Mode Line Filter

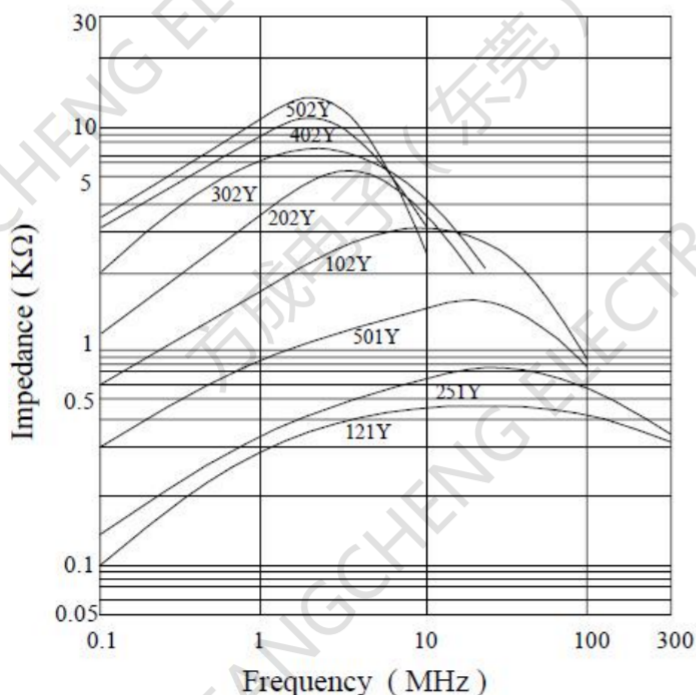
### 5. ELECTRIC CHARACTERICS

Part Number	Turns Ration	Current Rating (mA)	Inductance (uH)	RDC ( $\Omega$ )	Z / Max ( $\Omega$ )	WE Number
						WE-SLM
FC-SLF1065121	1:1	2500	2*120	0.025	460	744272121
FC-SLF1065221	1:1	2200	2*220	0.032	780	744272221
FC-SLF1065251	1:1	2000	2*250	0.035	970	744272251
FC-SLF1065471	1:1	1600	2*470	0.065	1750	744272471
FC-SLF1065102	1:1	950	2*1000	0.180	3600	744272102
FC-SLF1065202	1:1	750	2*2200	0.300	7500	744272222
FC-SLF1065302	1:1	650	2*3300	0.360	8900	744272332
FC-SLF1065402	1:1	520	2*3900	0.540	9600	744272392
FC-SLF1065502	1:1	350	2*4700	0.720	13000	744272472

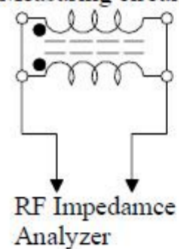
**Electrical Specifications @ 25°C — Operating Temperature -40°C to +125°C .**

Test equipment: Inductance(HP-4274A 100KHZ/0.1V)

### 6.IMPEDANCE VS . FREQUENCY :



Measuring circuit :



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[WTCF2012Z0M751PB](#) [PH9408.814NLT](#) [PAC6006.364NLT](#) [PAC6006.444NLT](#) [PAC6006.204NLT](#) [PH9407.204NLT](#) [PAC6006.264NLT](#)  
[PH9408.105NLT](#) [PH9408.494NLT](#) [PAC6006.104NLT](#)