

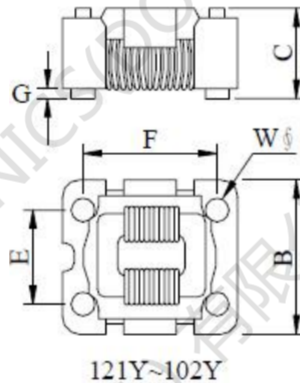
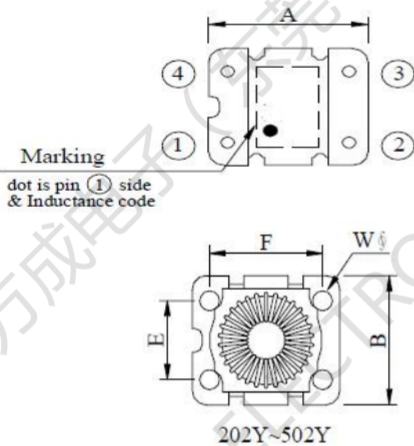
SMD Common Mode Line Filter

FC-SLF1065 –Series

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

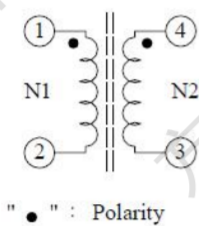


1. Dimensions:mm

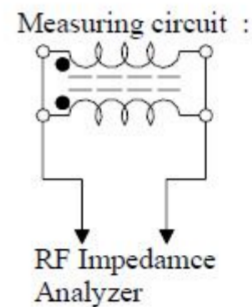


A	: 10.00 \pm 0.3	m/m
B	: 8.70 \pm 0.3	m/m
C	: 6.50 max.	m/m
E	: 6.22 \pm 0.1	m/m
F	: 7.62 \pm 0.1	m/m
G	: 0.30 min.	m/m
W ϕ	: 1.50 ref.	m/m

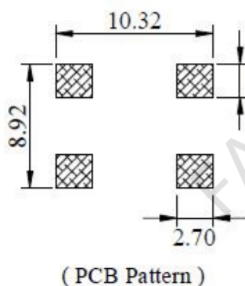
2.Schematic:



3. Test Setup:



4.LAYOUT RECOMMENDATION



FC-SLF1065 –Series SMD Common Mode Line Filter

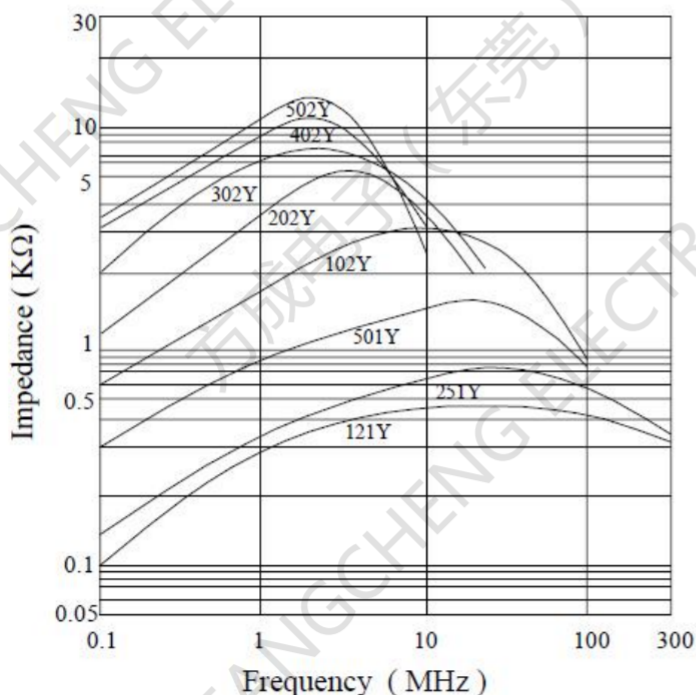
5. ELECTRIC CHARACTERICS

Part Number	Turns Ration	Current Rating (mA)	Inductance (uH)	RDC (Ω)	Z / Max (Ω)	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

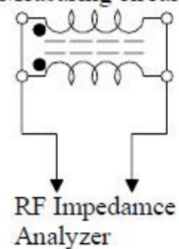
Electrical Specifications @ 25°C — Operating Temperature -40°C to +125°C .

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

6.IMPEDANCE VS . FREQUENCY :



Measuring circuit :



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Largest Supplier of Electrical and Electronic Components

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[TCM0806G-650-2P-T](#) [IND-0110](#) [UAL21VR0802000](#) [UALSC023000000](#) [UALSC1020JH000](#) [UALSU10VD20010](#) [UALSU9VD070100](#) [36-00037](#) [UALW21HS072450](#) [UALSU9H0208000](#) [UAL24VK06450CH](#) [PLT10HH501100PNB](#) [PLT10HH401100PNB](#) [PLT10HH1026R0PNB](#)
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[T8003NLT](#) [CTX01-13663](#) [CTX66-19521-R](#) [RC212-0.5-10M](#) [RC112-0.4-15M](#) [RC212-0.6-6M8](#) [RC212-0.4-15M](#) [RC112-0.3-30M](#)
[WTCF2012Z0M751PB](#) [PH9408.814NLT](#) [PAC6006.364NLT](#) [PAC6006.444NLT](#) [PAC6006.204NLT](#) [PH9407.204NLT](#) [PAC6006.264NLT](#)
[PH9408.494NLT](#) [PAC6006.104NLT](#) [CM6350R-683-REEL](#)