

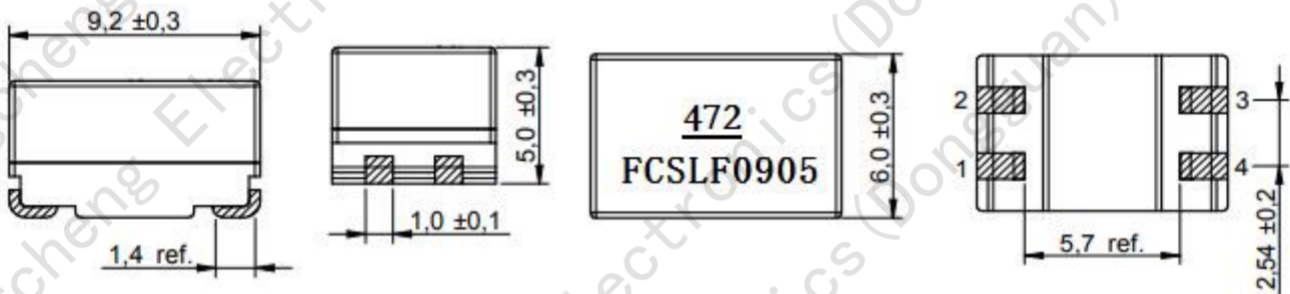
SMD Common Mode Line Filter

FC-SLF0905 –Series

- Small size
- High Impedance up to 1500 Ω
- Frequency Range: 1MHz, 0.1 Vrms
- Low Primary DCR version
- Ambient temperature -40°C to $+85^{\circ}\text{C}$
- Storage temperature Component: -40°C to $+125^{\circ}\text{C}$



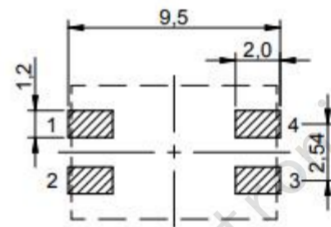
1. Dimensions:mm



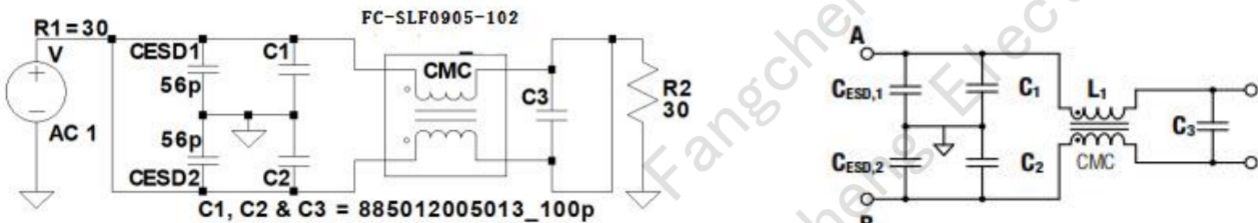
2.Schematic:



3.LAYOUT RECOMMENDATION:(mm)



4.Application Fig:



FC-SLF0905 -Series SMD Common Mode Line Filter

5. ELECTRIC CHARACTERICS

Part Number	Test condition	DC Resistance N1,N2(Ω)	Inductance (uH)	Nominal voltage Vdc(V)	Rated Current (A)	Freq Range (MHZ)	Z/Max (Ω)	WE Number
								WE-SLM
FC-SLF0905-100YL	0.1V,1kHz	0.08 max	10±30%	50	1.6	20~300	920	744226
FC-SLF0905-250YL	0.1V,1kHz	0.16 max	25±30%	50	1.0	20~150	2800	744228
FC-SLF0905-400YL	0.1V,1kHz	0.25 max	40±30%	50	0.9	20~100	3100	744225
FC-SLF0905-510YL	0.1V,1kHz	0.32 max	51±30%	50	0.8	20~100	5500	744227
FC-SLF0905-251YL	5mV,100KHz	0.13 max	250±50%	50	1.2	3~20	1800	744224
FC-SLF0905-471YL	5mV,100KHz	0.14 max	470±50%	50	1.1	2~20	2600	/
FC-SLF0905-501YL	5mV,100KHz	0.15 max	500±50%	50	1.0	1~20	3300	744223
FC-SLF0905-102YL	5mV,100KHz	0.31 max	1000±50%	50	0.8	1~15	6000	744222
FC-SLF0905-202YL	5mV,100KHz	0.45 max	2000±50%	50	0.6	1~5	9200	744221
FC-SLF0905-472YL	5mV,100KHz	0.90 max	4700±50%	50	0.4	0.3~3	20000	744220
FC-SLF0905-652YL	5mV,100KHz	1.05 max	6500±50%	50	0.3	0.3~2	18400	744229

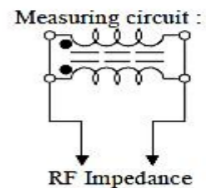
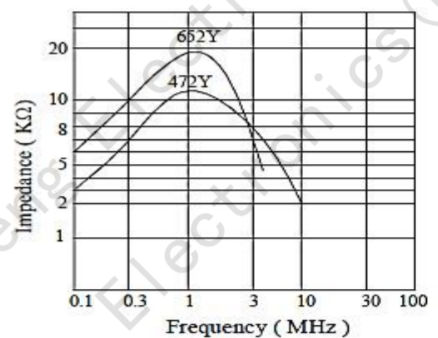
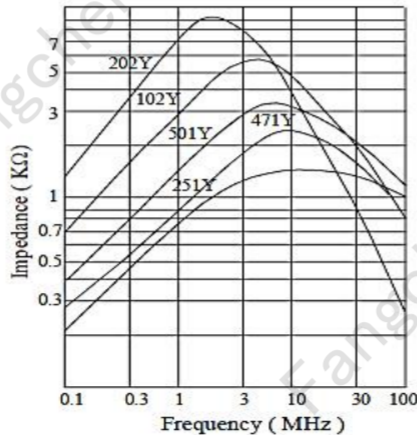
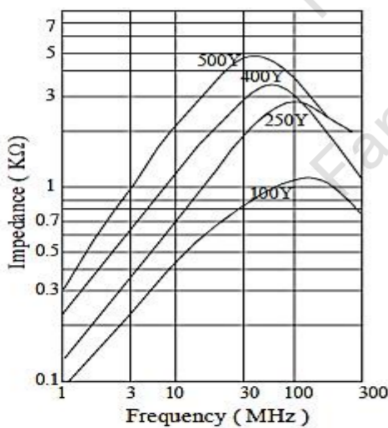
Electrical Specifications @ 25°C — Operating Temperature -40°C to +125°C.

Test equipment : Inductance 100Y ~ 500Y (HP4274A) ;251Y ~ 652Y (HP4194A)

Impedance 100Y ~ 202Y (HP4291A) 472Y ~ 652Y (HP4194A)

HI-Pot test (N1-N2) : 500Vac / 60Hz , 3mA , 3sec.

6. Classification Reflow Profile for SMT components:



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Common Mode Chokes / Filters](#) category:

Click to view products by [FANGCHENG](#) manufacturer:

Other Similar products are found below :

[PE-64683](#) [RD5122-6-9M6](#) [RD6137-6-7M5](#) [RD8147-16-3M0](#) [ST6118T-R](#) [FE3X025-10-7NL](#) [RD7147-25-0M7](#) [TCM0806G-350-2P-T](#)
[TCM0806G-650-2P-T](#) [IND-0110](#) [UAL21VR0802000](#) [UALSC023000000](#) [UALSC1020JH000](#) [UALSU10VD20010](#) [UALSU9VD070100](#) [36-00037](#) [UALW21HS072450](#) [UALSU9H0208000](#) [UAL24VK06450CH](#) [PLT10HH501100PNB](#) [PLT10HH401100PNB](#) [PLT10HH1026R0PNB](#)
[36-00029-01](#) [PE-67531](#) [TLH10UB](#) [113 0R5](#) [2752045447](#) [7351V](#) [CMF16-153131](#) [RD7147-6-6M0](#) [T8116NLT](#) [FE2X10-4-2NL](#) [36-00029-07](#)
[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](#)
[PH9408.105NLT](#) [PH9408.494NLT](#) [PAC6006.104NLT](#)