

# COMMON MODE CHOKE

## SF0904A SERIES



### FEATURES:

- The circular type, small size and low profile
- Suppression of common mode noise at high frequency
- Excellent mechanical
- AEC-Q200 verified
- Operating temperature: -50°C to +150°C

### APPLICATIONS:

- Data and signal line

### OPTIONS:

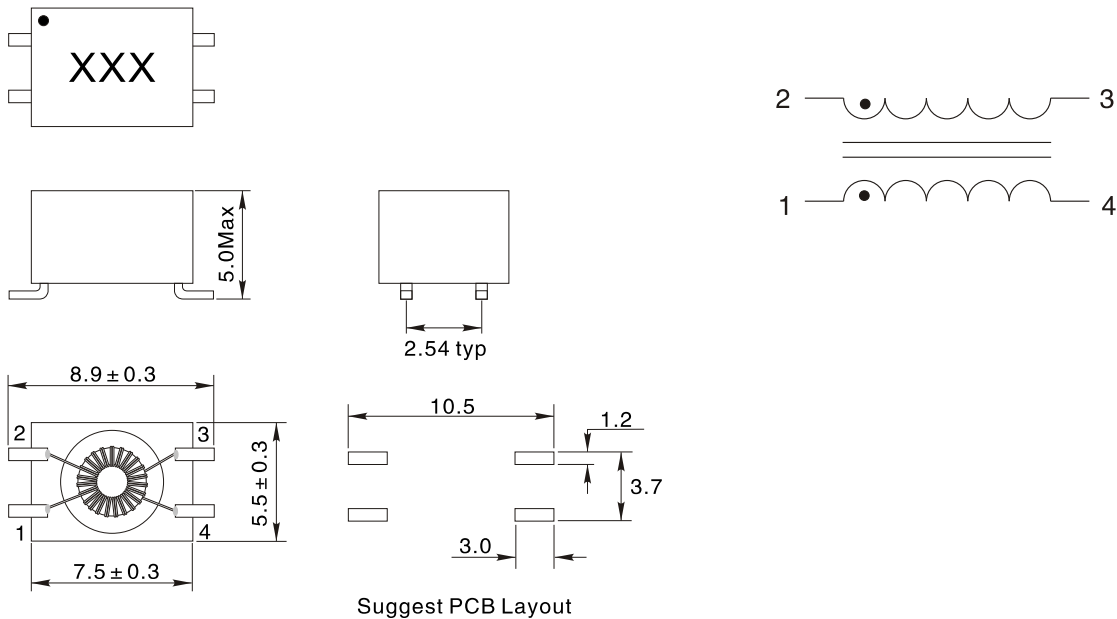
- Tape & Reel is Standard

## ELECTRICAL CHARACTERISTICS:

Part Number	Inductance (uH)	LK(nH) Typ.	DCR (Ω) max.	Rated Current (mA) max.	Vtest (Vdc/2S)	Operating temperature range(°C)
SF0904A-5R0N	5 ± 30%	40@1MHz	0.06	1200	250	-50 ~ +150
SF0904A-110N	11 ± 30%	50@1MHz	0.08	800	250	-50 ~ +150
SF0904A-250N	25 ± 30%	60@100KHz	0.11	800	250	-50 ~ +150
SF0904A-250NS	25 ± 30%	1400@100KHz	0.11	800	250	-50 ~ +150
SF0904A-510N	51 ± 30%	70@100KHz	0.14	800	250	-50 ~ +150
SF0904A-510NS	51 ± 30%	2300@100KHz	0.14	800	250	-50 ~ +150
SF0904A-101N	100 ± 30%	100@100KHz	0.18	500	250	-50 ~ +150
SF0904A-471N	470 ± 30%	100@100KHz	0.17	700	750	-40 ~ +125
SF0904A-102Y	1000 +50%/-30%	70@100KHz	0.14	700	750	-40 ~ +125
SF0904A-222Y	2200 +50%/-30%	120@100KHz	0.4	500	750	-40 ~ +125
SF0904A-472Y	4700 +50%/-30%	250@100KHz	0.55	400	750	-40 ~ +125

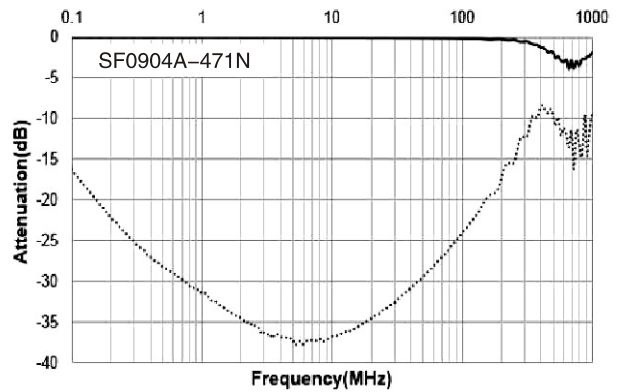
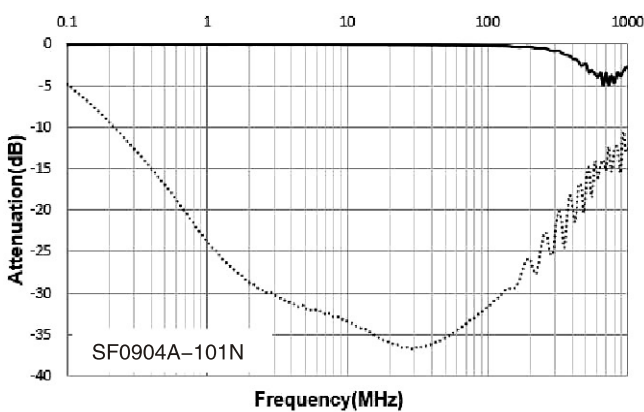
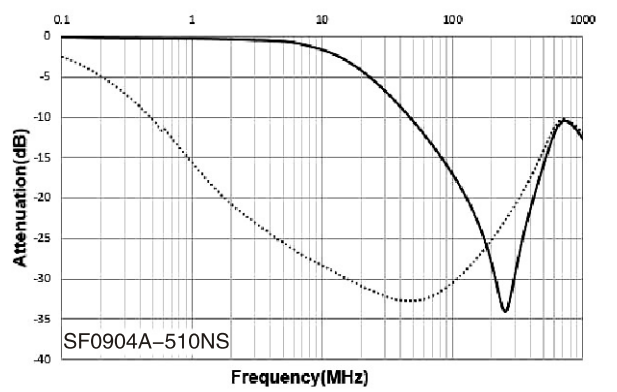
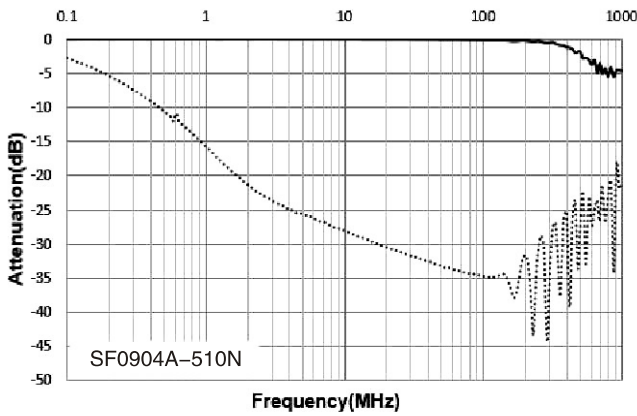
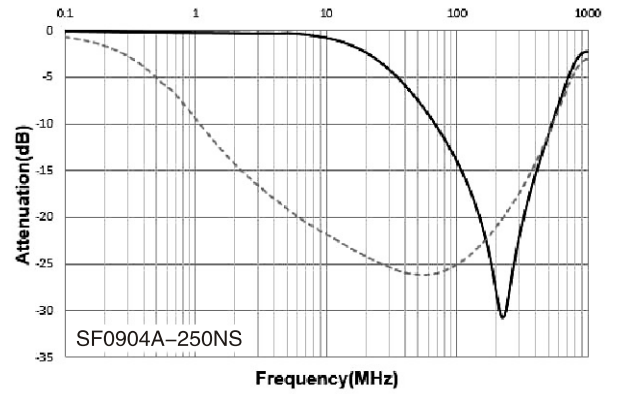
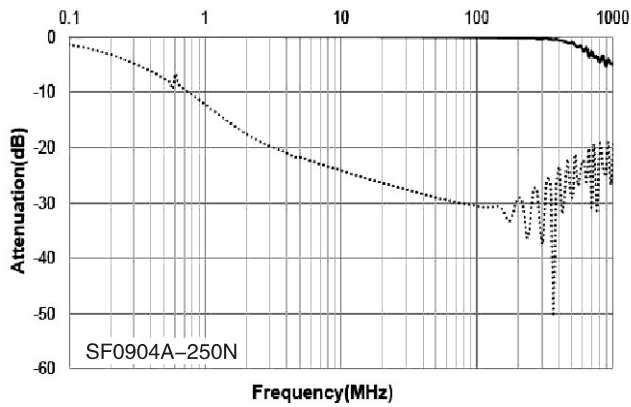
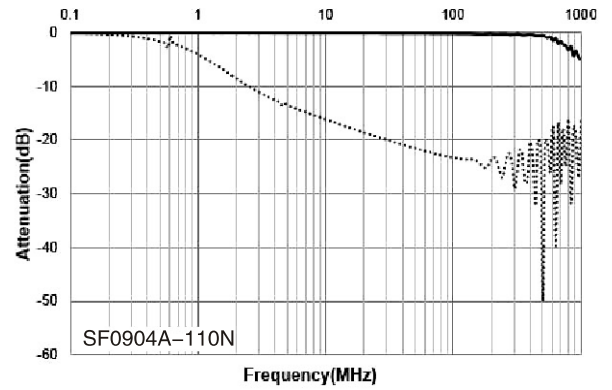
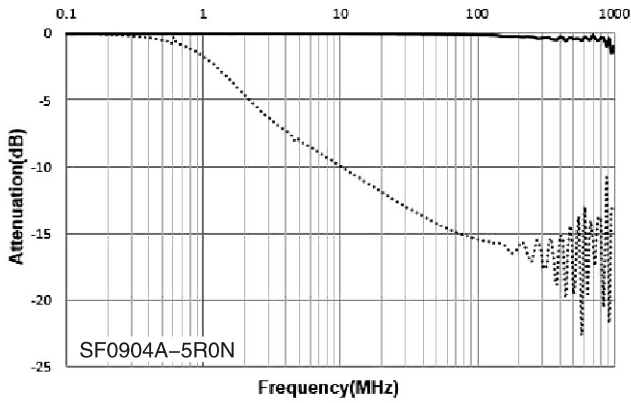
1. Inductance test frequency: ≤ 1000uH ,100KHz,0.1V  
>1000uH ,10KHz,0.1V
2. Storage Temperature Range (packaging conditions): -10°C~+40°C and RH 70% (Max.)
3. Rated Voltage:42VAC (50/60Hz) / 80VDC
4. Products with other electrical characteristics can be provided upon customer' s request.

## TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:



Note:  
All specifications subject to change without notice.

# TYPICAL ELECTRICAL CHARACTERISTICS



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