

SN Coils

Small and Standard Type

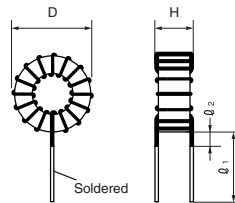
[RoHS Compliant]



Type	Model	Rated current (A)	Inductance (μH) min.	DC resistance (Ω) max.	Temperature rise (K) max.	Dimensions D×H (mm) max.	φ ₁ (mm)	φ ₂ (mm) max.	Wire size (mm ²)	Mounting pitch for reference (mm)	Weight approx. (g)
Small type	SN3-200	1	10	0.045	15	8.5×5.5	20±2	1.5	0.4	5	0.8
	SN5-300	2	25	0.042	18	13×7	20±2	1.5	0.55	6	2.6
	SN5-400	2	48	0.058	22	13×8	20±2	1.5	0.55	6	3
	SN8S-300	2	26	0.042	19	16×8	20±2	1.5	0.6	8	4.1
	SN8S-400	2	46	0.052	20	16×8	20±2	1.5	0.6	8	4.5
	SN8S-500	2	72	0.068	23	16×9	20±2	1.5	0.6	8.5	4.9
	SN8D-300	2	45	0.052	20	16×11	20±2	1.5	0.6	9.5	6.1
	SN8D-400	2	80	0.072	24	16×11	20±2	1.5	0.6	10	6.8
Standard type	SN8D-500	2	125	0.100	27	17×13	20±2	1.5	0.6	10.5	7.3
	SN10-300	3	40	0.035	18	21×11	20±2	1.5	0.8	9	10.2
	SN10-400	3	72	0.042	20	21×11	20±2	1.5	0.8	9	10.8
	SN10-500	3	110	0.052	26	21×12	20±2	1.5	0.8	10	11.8
	SN12-400	5	64	0.032	32	25×12	20±2	1.5	1.0	11	15.8
	SN12-500	5	100	0.040	34	26×12	20±2	1.5	1.0	12	18.2
	SN13-300	6	51	0.023	28	30×17	20±2	1.5	1.2	16	31.1
	SN13-400	6	92	0.030	33	30×18	20±2	1.5	1.2	16	35.1
	SN13-500	6	143	0.036	38	31×18	20±2	1.5	1.2	16.5	38.2
	SN16-300	8	60	0.021	21	34×19	20±2	1.5	1.5	15	39
	SN16-400	8	108	0.027	24	35×19	20±2	1.5	1.5	15	44.4
	SN16-500	8	168	0.031	36	35×21	20±2	1.5	1.5	16.5	51.2

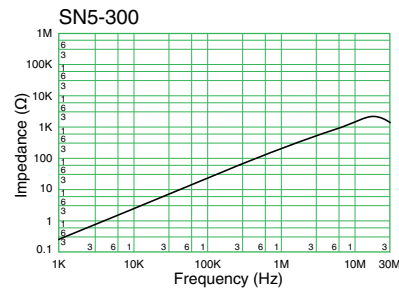
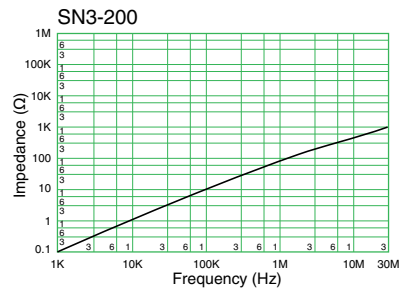
- Operating temperature range(°C): -25 to T (T=105-temperature rise)
- Wire type: 1 PVF, 1 UEW or 1 PEW
- Inductance measurement condition: at 100kHz, 1mA, KC547 (SN13 and SN16 types: 1kHz, 1mA)
- Thermal class: A (105°C)

Shape and Dimensions



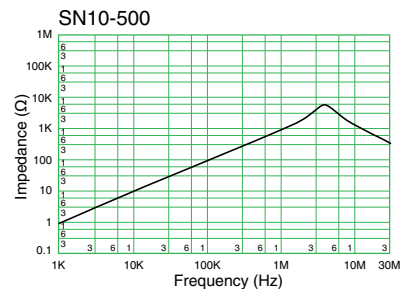
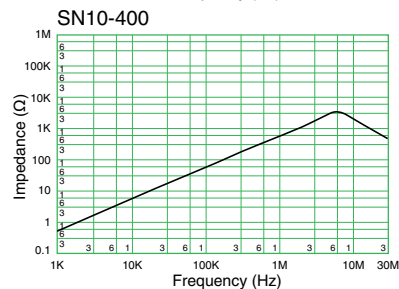
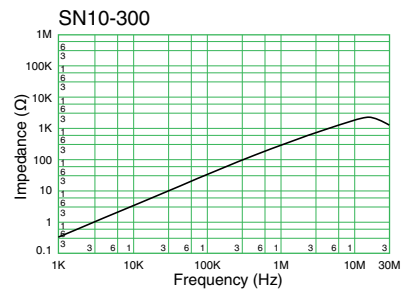
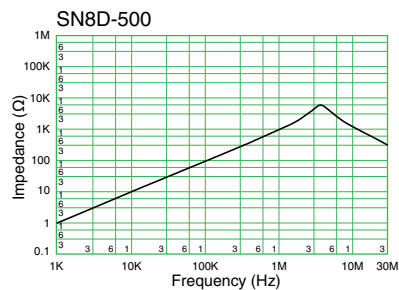
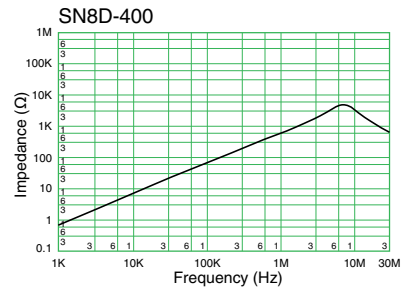
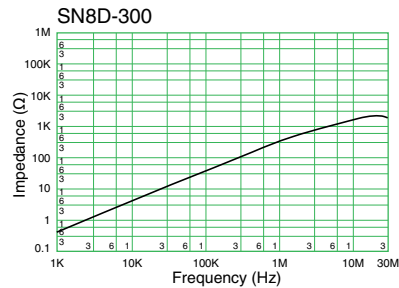
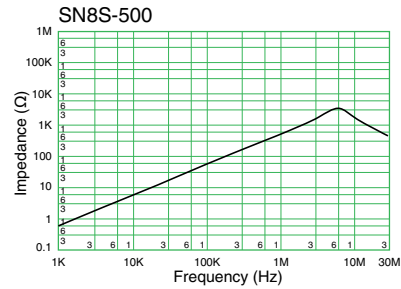
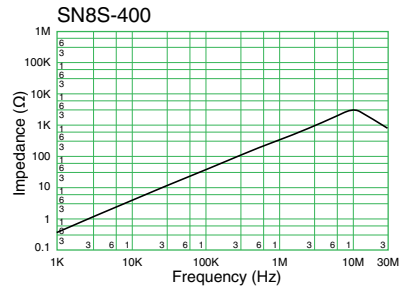
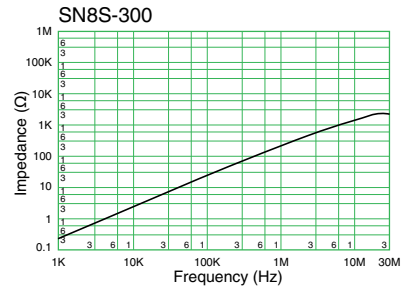
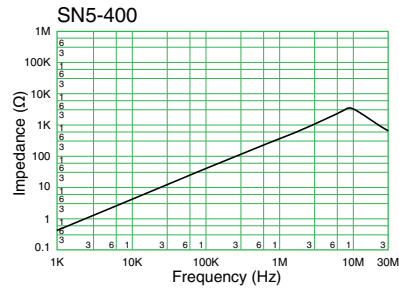
[mm]

Impedance vs. Frequency



- All specifications in this catalog and production status of products are subject to change without notice. Prior to the purchase, please contact NEC TOKIN for updated product data.
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Impedance vs. Frequency

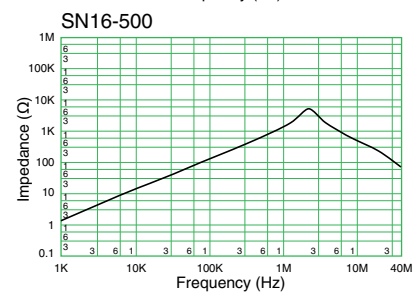
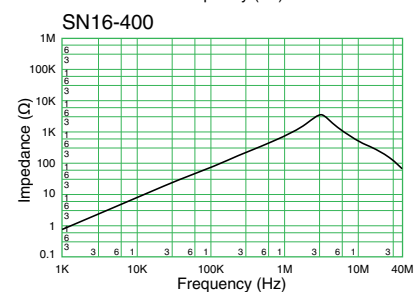
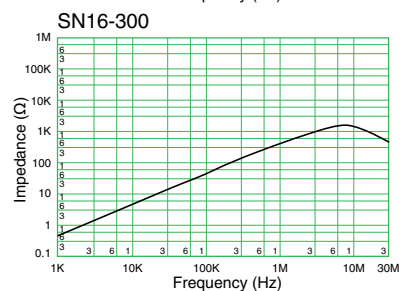
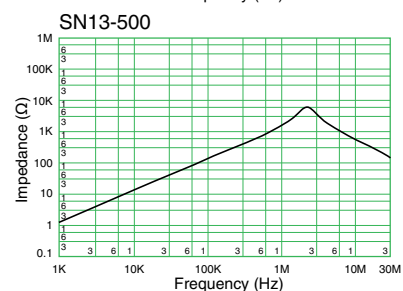
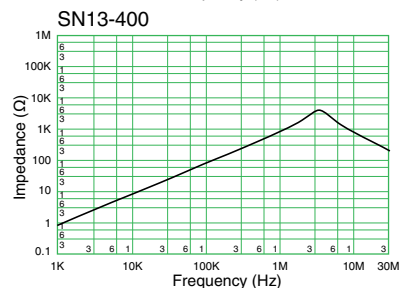
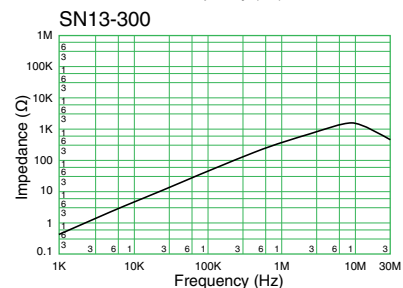
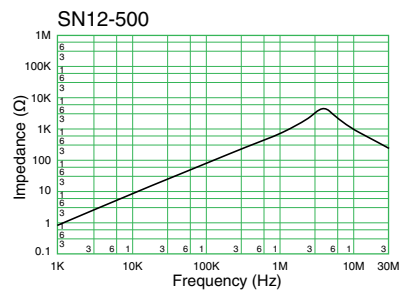
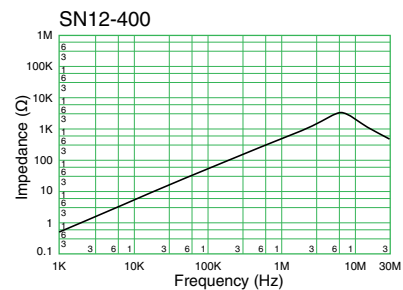


AC Line Filters VOL.08



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