

SHB Coils

Booster Coils for Active Filters

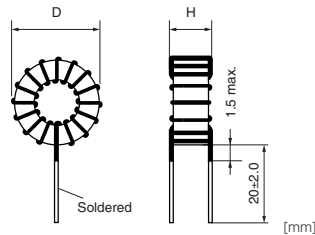
[RoHS Compliant]



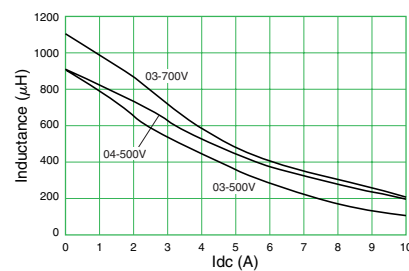
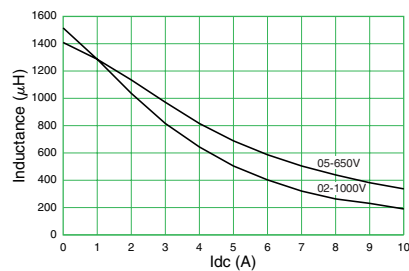
Model	Rated current (A)	Inductance(μ H)		DC resistance (m Ω) max.	Dimensions D×H (mm) max.	Wire size (mm ϕ)	Weight approx. (g)
		I=0 $\pm$ 20%	I=rated min.				
SHB-02-1000V	2	1640	750	450	35×20	0.6	40
SHB-03-500V	3	850	375	180	32×20	0.8	45
SHB-03-700V	3	1150	525	230	43×22	0.8	65
SHB-04-300V	4	600	225	123	35×20	0.9	45
SHB-04-500V	4	950	375	170	40×22	0.9	65
SHB-05-300V	5	680	225	98	43×22	1.1	70
SHB-05-650V	5	1330	488	150	53×30	1.1	120
SHB-08-150V	8	440	113	58	43×22	1.3	75
SHB-08-350V	8	930	263	100	53×30	1.3	125
SHB-08-650V	8	1170	488	104	56×33	1.3	205
SHB-10-200V	10	570	150	50	53×30	1.6	135
SHB-10-400V	10	700	300	50	56×33	1.6	215
SHB-15-100V	15	400	75	33	53×30	1.8	135
SHB-15-200V	15	400	150	35	57×33	1.8	210
SHB-20-35V	20	74	26	12	53×30	1.1×4	115
SHB-20-60V	20	105	45	15	60×33	1.1×4	195
SHB-30-17V	30	36	13	7	53×30	1.1×4	120
SHB-30-20V	30	44	15	7	60×33	1.1×4	200

- 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
- Thermal class: A (105°C)

Shape and Dimensions

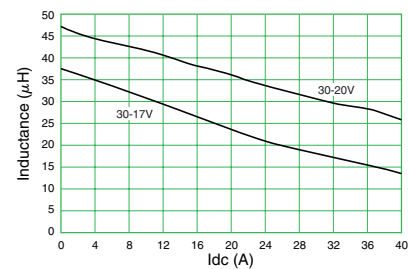
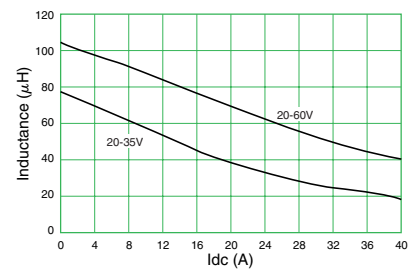
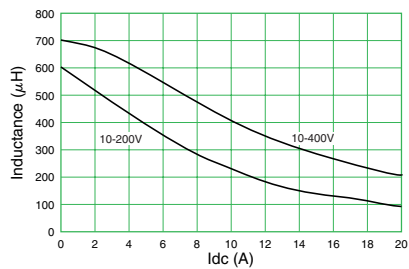
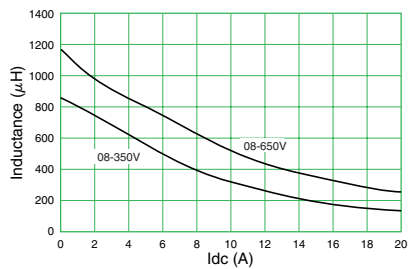
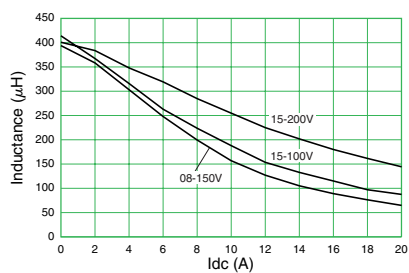
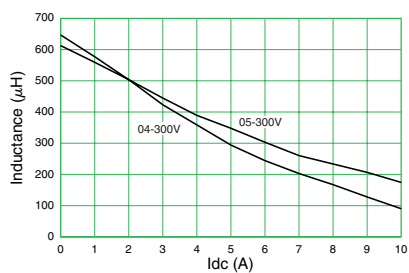


Frequency characteristic



- 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.
- Please request for a specification sheet for detailed product data prior to the purchase.
- Before using the product in this catalog, please read "Precautions" and other safety precautions listed in the printed version catalog.

DC-superposed Characteristics



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