

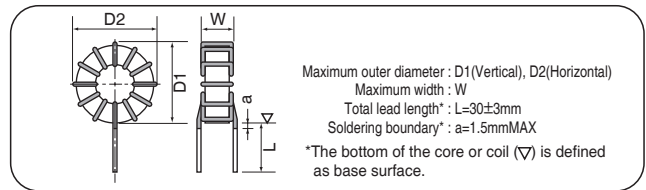
AM Series

MAJOR USES

- Normal mode noise filter

FEATURES

- Exhibits excellent DC superimposition characteristics of inductance and achieved significant miniaturization
- Reduced iron loss when compared to the CM Series
- Low temperature rise even when using 100V or higher
- Excellent temperature stability



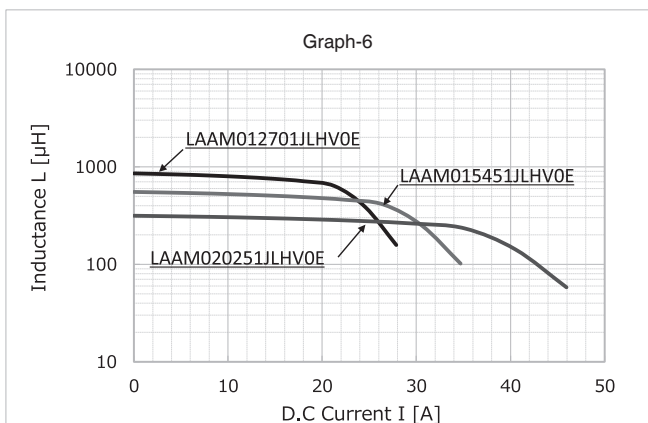
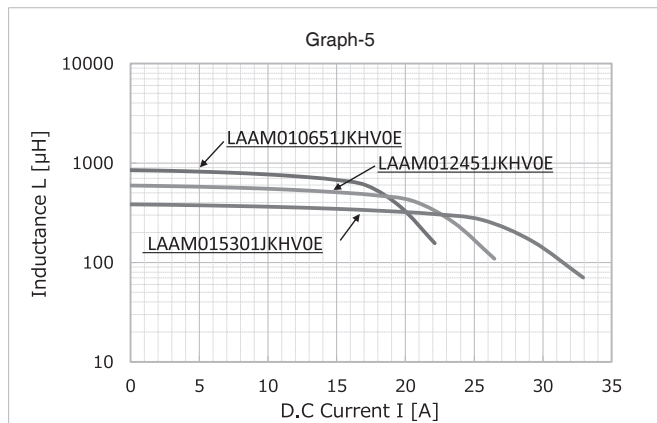
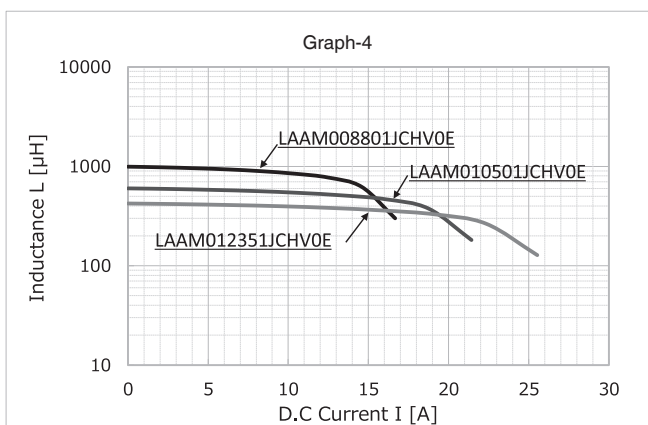
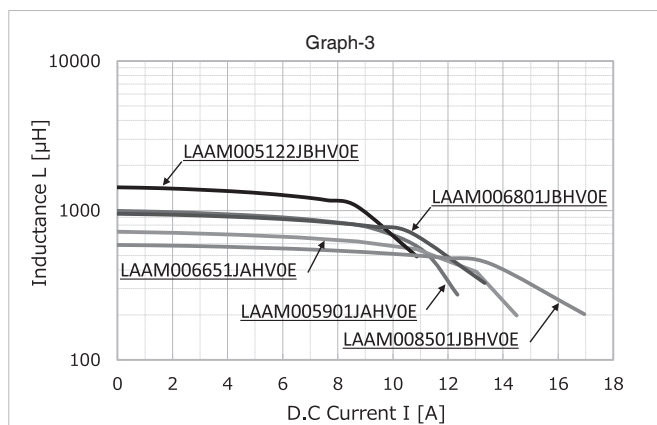
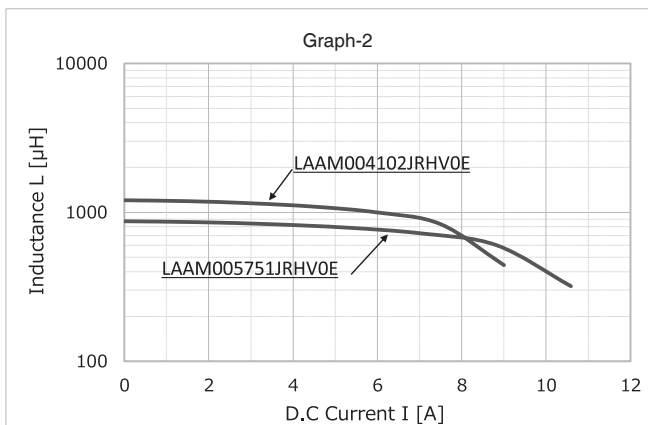
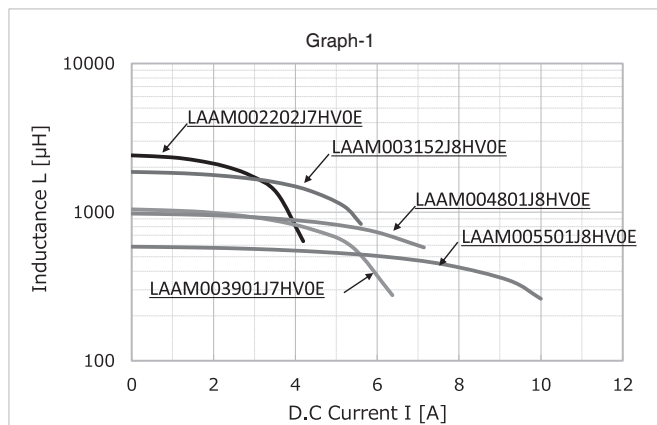
Coil Part No.	Core Part No.	Rated Current [A]	Peak Current [A]	Inductance (100kHz)		D.C.R. mΩ (max)	Winding mm φ-lines	Outside Dimensions			D.C. BIAS CHARACTERISTICS Graph
				0A [μH]	Rating [μH]			D1 [mm]	D2 [mm]	W [mm]	
LAAM002202J7HV0E	LNC251510J3	2	2.8	2400	2000	350	0.7-1P	33.0	34.5	19.0	1
LAAM003901J7HV0E		3	4.2	1100	900	170	0.9-1P	33.0	34.5	19.5	
LAAM004801J8HV0E	LNC251515J2	4	5.7	1100	800	150	0.9-1P	34.0	34.0	25.5	
LAAM005501J8HV0E		5	7.1	600	500	80	1.1-1P	34.5	34.5	28.0	
LAAM003152J8HV0E		3	4.2	2000	1500	230	0.85-1P	35.5	35.5	26.0	
LAAM004102JRHV0E	LNC322015J2	4	5.7	1200	1000	160	1.0-1P	40.5	42.0	26.5	2
LAAM005751JRHV0E		5	7.1	890	750	110	1.1-1P	40.5	42.0	27.0	
LAAM005901JAHV0E	LNC322020J2	5	7.1	1000	900	115	1.1-1P	40.5	42.0	32.0	3
LAAM006651JAHV0E		6	8.5	740	650	87	1.2-1P	41.0	42.5	32.5	
LAAM006801JBHV0E		6	8.5	970	800	94	1.2-1P	45.0	46.5	30.5	
LAAM005122JBHV0E		5	7.1	1500	1200	140	1.1-1P	45.5	47.0	31.5	
LAAM008501JBHV0E		8	11.3	600	500	53	1.0-2P	46.5	48.0	32.0	
LAAM008801JCHV0E	LNC462720J2	8	11.3	1000	800	73	1.0-2P	56.0	57.5	33.5	4
LAAM010501JCHV0E		10	14.1	600	500	45	1.1-2P	54.5	56.0	32.5	
LAAM012351JCHV0E		12	17	420	350	33	1.2-2P	55.0	56.5	32.0	
LAAM010651JKHV0E	LNC462725J2	10	14.1	840	650	53	1.1-2P	56.0	57.5	38.0	5
LAAM012451JKHV0E		12	17	590	450	41	1.2-2P	55.5	57.0	38.0	
LAAM015301JKHV0E		15	21.2	380	300	26	1.1-3P	55.5	57.0	38.0	
LAAM012701JLHV0E	LNC603525J2	12	17	860	700	53	1.2-2P	72.5	74.0	39.0	6
LAAM015451JLHV0E		15	21.2	550	450	35	1.1-3P	72.0	73.5	40.0	
LAAM020251JLHV0E		20	28.3	310	250	20	1.1-4P	72.5	74.0	39.0	

* The inductance at current 0[A] indicates the reference value.

* LAAM002202J7HV0E : 10kHz.

◆D.C. BIAS CHARACTERISTICS

●Frequency : 100[kHz]





- Always read "Notes on Use" before using the product in order to enable you to use the product correctly and prevent any faults and accidents from occurring.
- Request the Product Specification on the product of NIPPON CHEMI-CON CORPORATION to refer to it as well as this brochure prior to the order of the products. Some specific notes on use of the ordered product may be described in the specifications.
- The products listed in this catalog are designed and manufactured for general electronics equipment use and are not intended for use in applications that can adversely affect human life; where the malfunction of equipment may cause damage to life or property. In addition, our products are not intended to be used in specific applications that may cause a major social impact. Please consult with us in advance of usage of our products in the following listed applications. ① Aerospace equipment ② Power generation equipment such as thermal power, nuclear power etc. ③ Medical equipment ④ Transport equipment (automobiles, trains, ships, etc.) ⑤ Transportation control equipment ⑥ Disaster prevention / crime prevention equipment ⑦ Highly publicized information processing equipment ⑧ Submarine equipment ⑨ Other applications that are not considered general-purpose applications.
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The aforementioned does not apply in the case of individual agreements deviating from the foregoing for customer-specific products
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In addition, we have an established system with enhanced traceability, therefore we will limit the applicable lot items for any potential compensation.

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