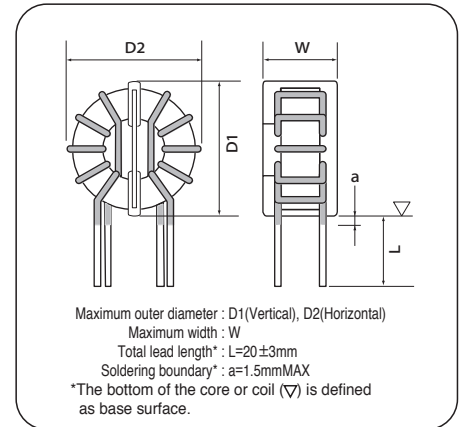


◆ MAJOR USES

- Common mode noise filter for AC/DC

◆ FEATURES

- Significantly improved inductance performance when compared to the FL Series
- Achieved high impedance over a broad range of frequencies when compared to the FL Series

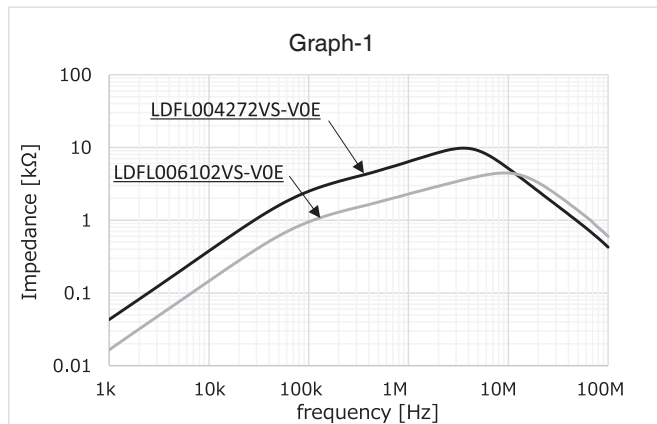


Coil Part No.	Core Part No.	Rated voltage [V]	Rated Current [A]	Inductance		D.C.R. mΩ (max)	Winding mm φ -lines	Outside Dimensions			Frequency	Temperature
				10kHz [mH]	100kHz [mH]			D1 [mm]	D2 [mm]	W [mm]	Characteristics Graph	rise Graph
LDFL004272VS-V0E	F110705MCX	250	3.5	6.0	2.7	38.0	0.55-1P	15.0	16.0	12.0	1	A
LDFL006102VS-V0E			5.5	2.3	1.0	16.0	0.70-1P					
LDFL006832VD-V0E	F221407MCX	250	5.5	18.3	8.3	26.0	0.90-1P	27.0	31.0	17.5	2	B
LDFL009412VD-V0E			9	9.1	4.1	16.0	1.1-1P					
LDFL012282VD-V0E			12	6.2	2.8	9.5	1.3-1P					
LDFL014172VD-V0E			14	3.8	1.7	7.0	1.4-1P					
LDFL007652V6-V0E	F221310MCX	250	7	16.3	6.5	22.0	1.0-1P	29.0	31.0	21.0	3	C
LDFL010302V6-V0E			10	6.7	3.0	11.0	1.2-1P					
LDFL012202V6-V0E			12	4.5	2.0	7.5	1.3-1P					
LDFL008123VV-V0E	F251513MCX	250	8	25.3	11.5	26.0	1.1-1P	30.5	34.0	23.5	4	D
LDFL011742VV-V0E			11	16.2	7.4	15.0	1.3-1P					
LDFL013412VV-V0E			13	9.1	4.1	12.0	1.4-1P					
LDFL016362V8-V0E	F262115MCX	500	16	7.8	3.6	7.5	1.8-1P	34.0	37.0	27.5	5	E
LDFL023162V8-V0E			23	3.4	1.6	3.7	2.1-1P					
LDFL028102V8-V0E			28	2.2	1.0	2.5	1.6-2P					
LDFL015372VBV0E	F281815MUCX	700	15	8.1	3.7	6.7	1.7-1P	36.0	40.0	29.5	6	F
LDFL021252VBV0E			21	5.4	2.5	4.5	1.9-1P					
LDFL026152VBV0E			26	3.3	1.5	2.9	1.5-2P					
LDFL016732V22V0E	F312115MCX	500	16	16.0	7.3	7.9	1.9-1P	38.0	43.0	28.5	7	G
LDFL020412V22V0E			20	9.0	4.1	4.9	2.1-1P					
LDFL025232V22V0E			25	5.0	2.3	3.1	1.6-2P					
LDFL032142V22V0E			32	3.0	1.4	1.9	1.8-2P					
LDFL020592VJUV0E	F372315MUCX	700	20	12.9	5.9	5.7	1.5-2P	48.0	50.0	32.5	8	H
LDFL027282VJUV0E			27	6.2	2.8	3.1	1.7-2P					
LDFL039172VJUV0E			39	3.7	1.7	1.8	2.0-2P					
LDFL030392V28V0E	F443420MCX	600	30	8.5	3.9	3.6	2.0-2P	53.0	59.5	39.0	9	J
LDFL036262V28V0E			36	5.6	2.6	2.5	2.2-2P					

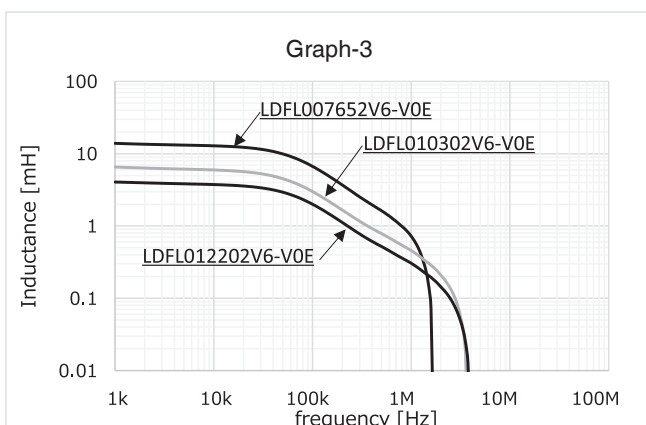
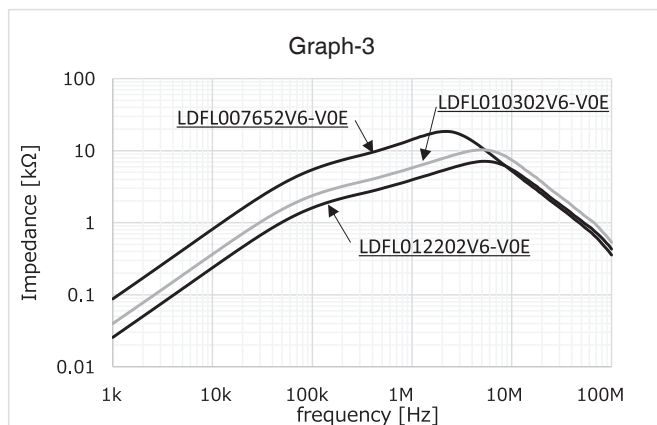
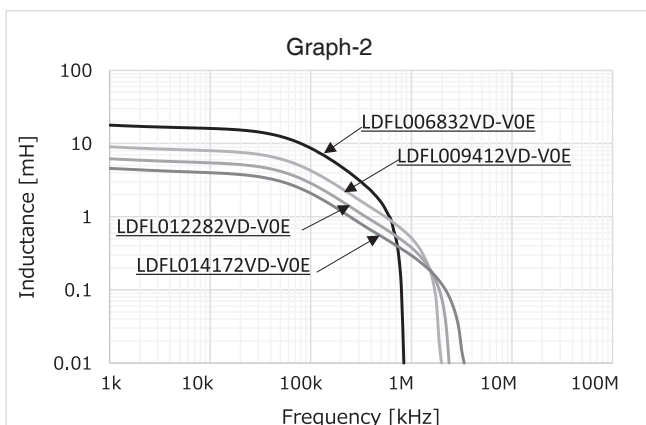
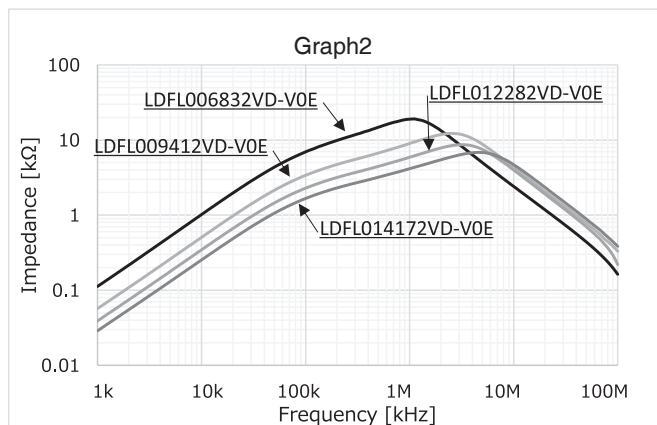
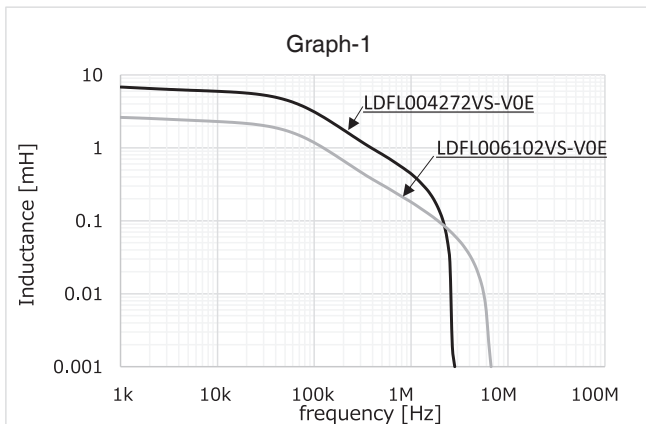
* The inductance at 10kHz indicates the reference value.

◆ FREQUENCY CHARACTERISTICS AMBIENT TEMPERATURE: 25°C

● Impedance

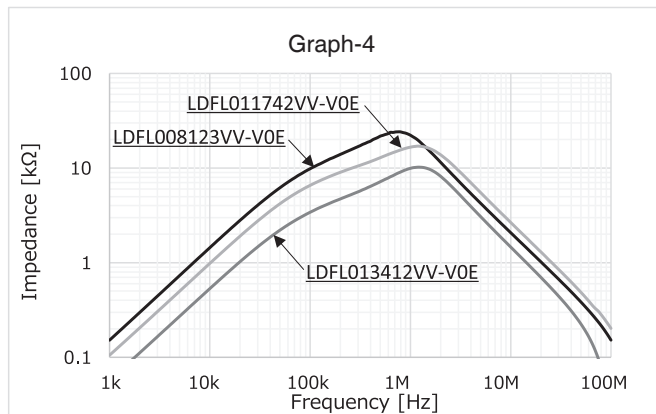


● Inductance

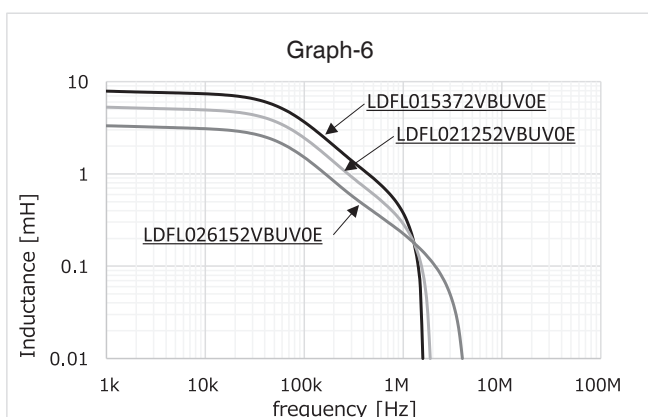
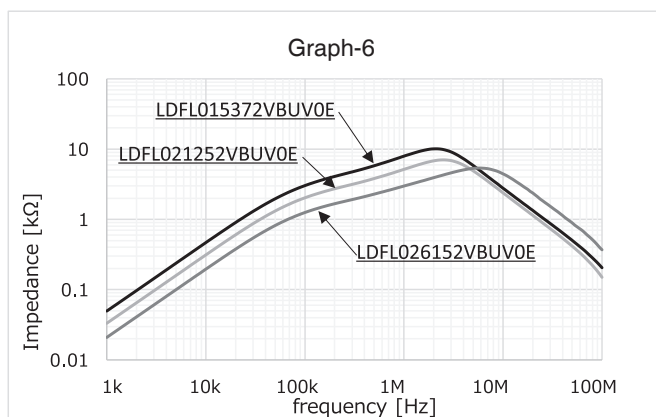
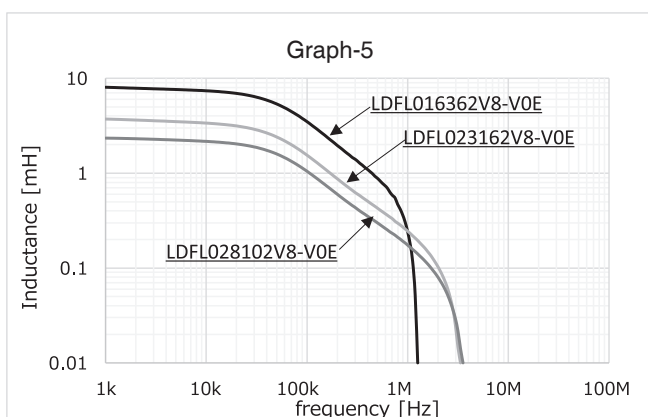
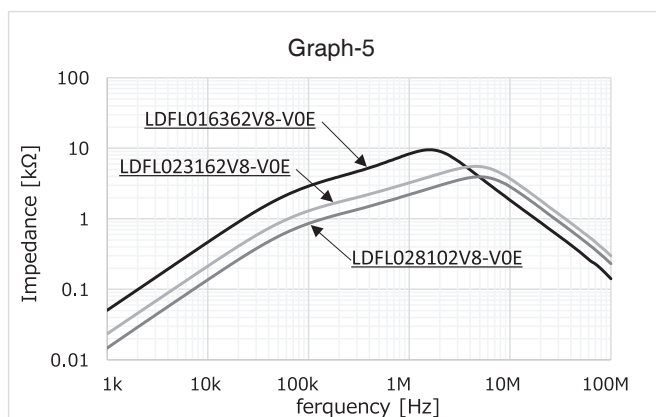
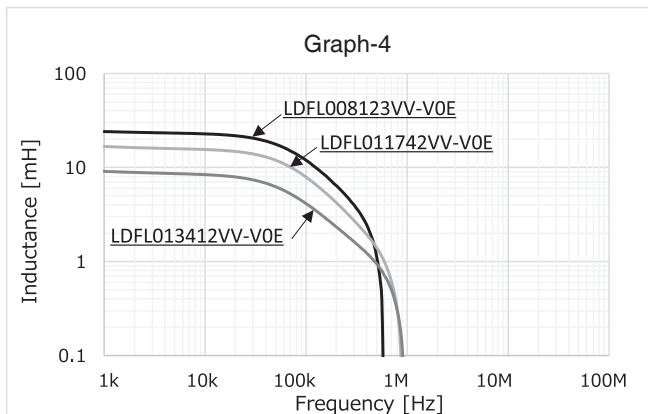


◆ FREQUENCY CHARACTERISTICS AMBIENT TEMPERATURE: 25°C

● Impedance

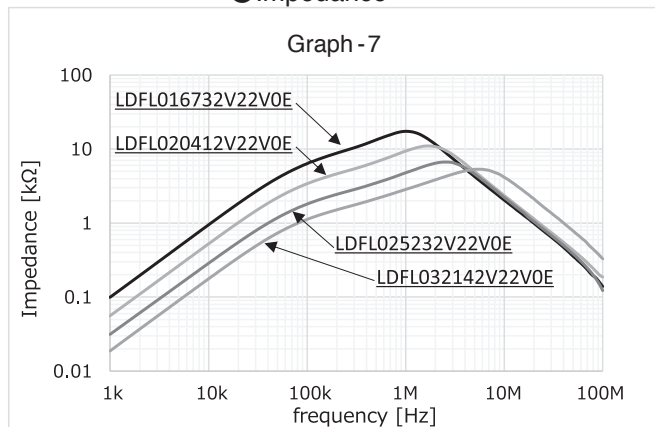


● Inductance

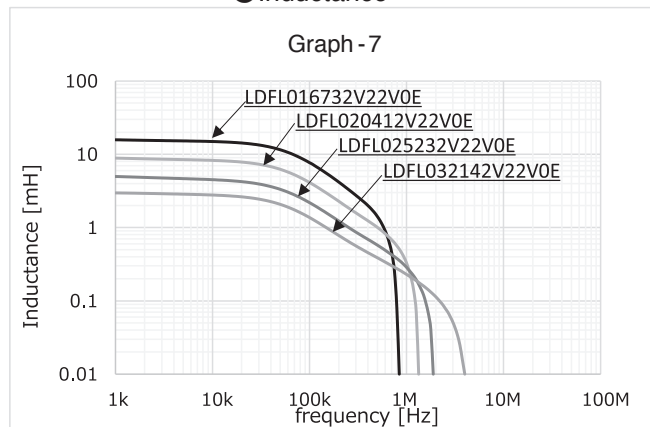


◆ FREQUENCY CHARACTERISTICS AMBIENT TEMPERATURE: 25°C

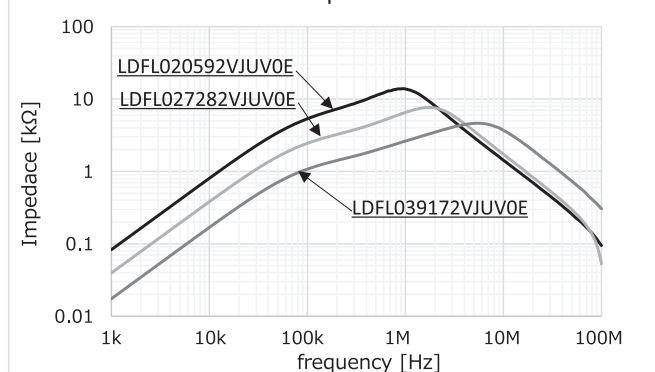
● Impedance



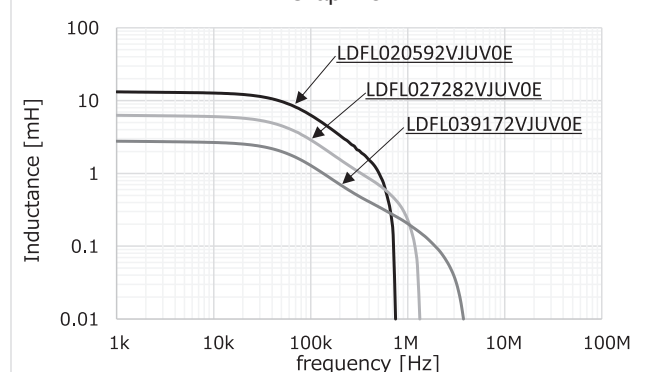
● Inductance



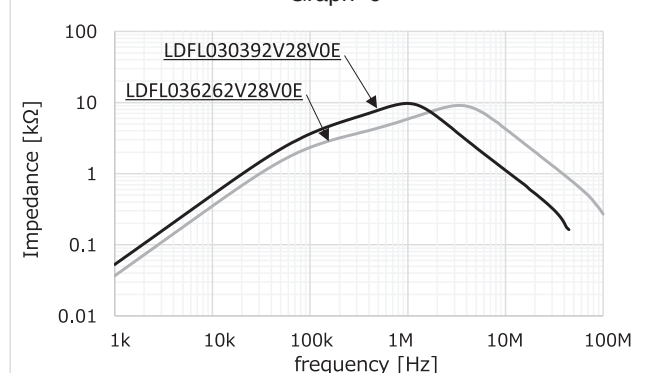
Graph - 8



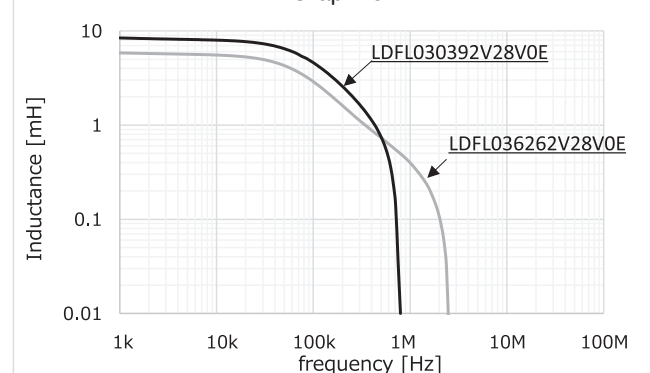
Graph - 8



Graph - 9



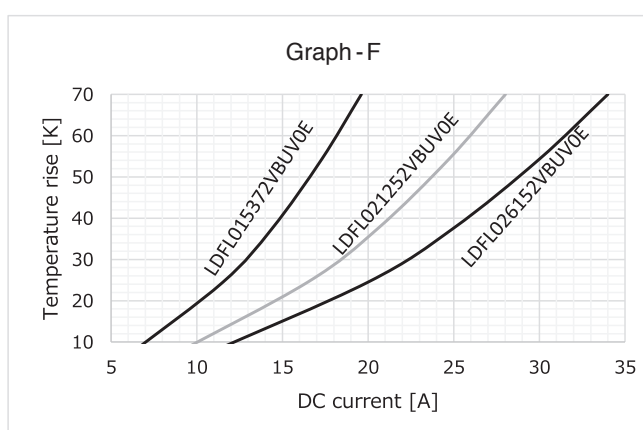
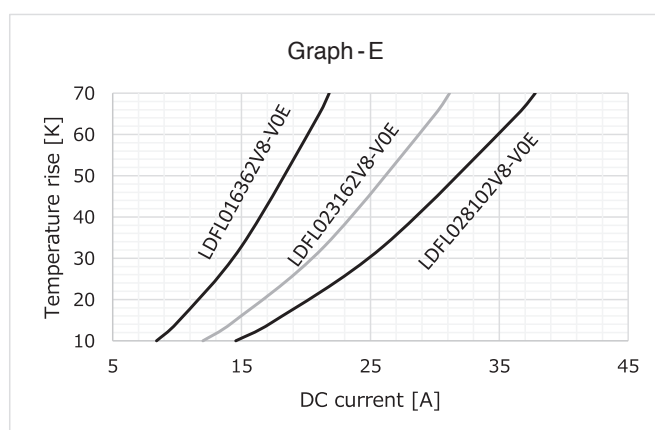
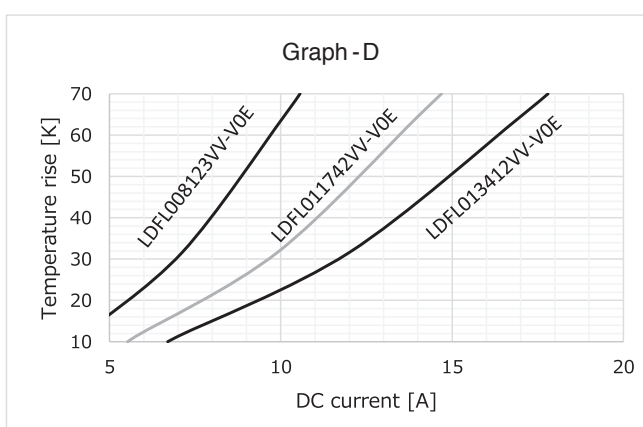
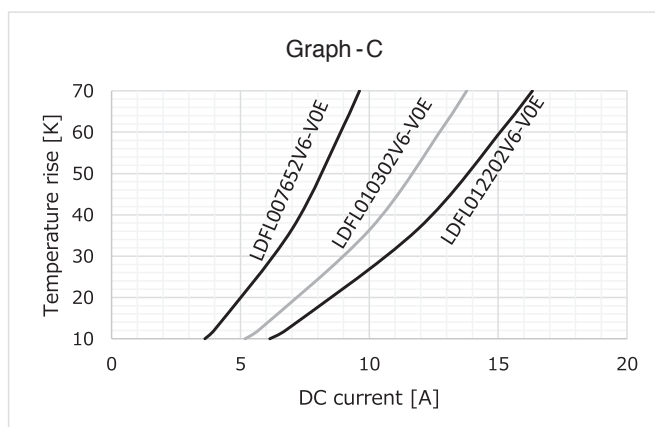
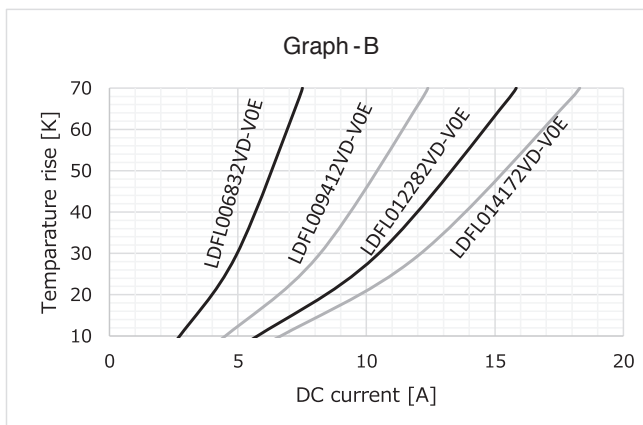
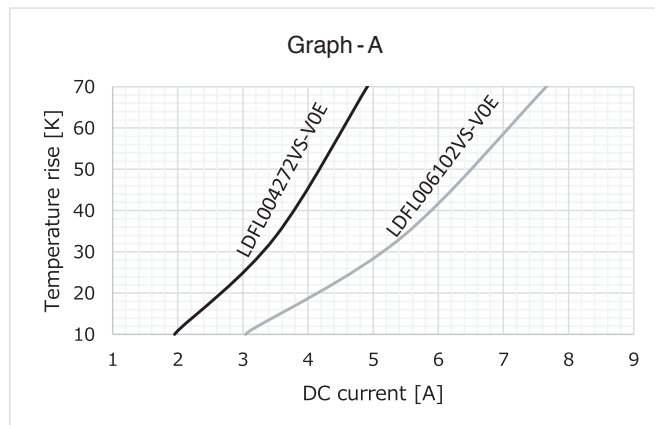
Graph - 9



FL-V Series

◆RISE TEMPERATURE: AMBIENT TEMPERATURE=25°C SATURATED TEMPERATURE DUE TO DC CURRENT APPLICATION.

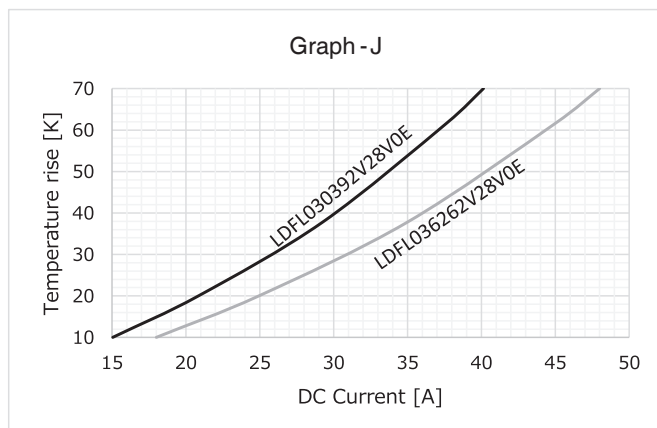
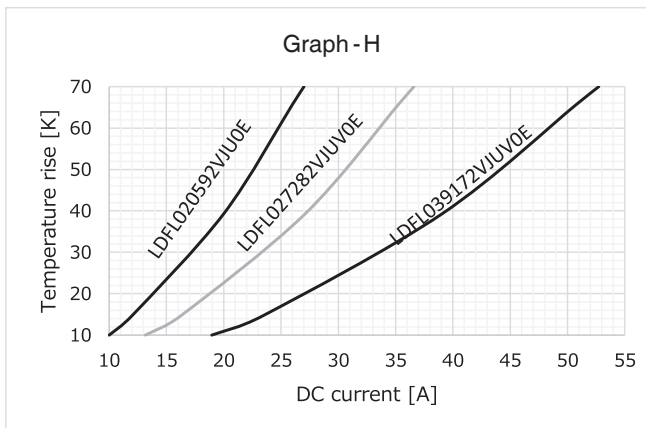
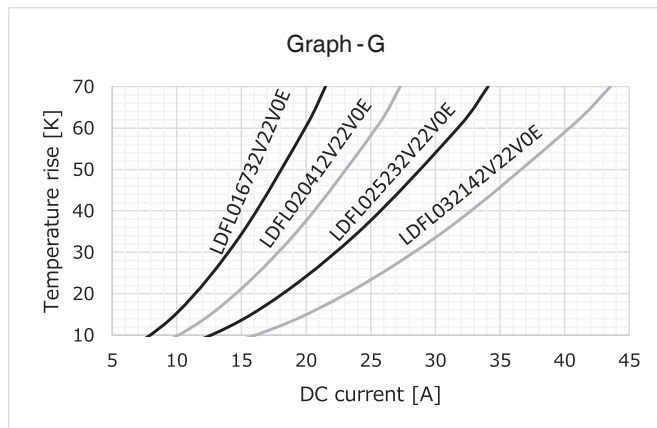
*This data don't consider set situation,influence of around parts.



FL-V Series

◆RISE TEMPERATURE: AMBIENT TEMPERATURE=25°C SATURATED TEMPERATURE DUE TO DC CURRENT APPLICATION.

*This data don't consider set situation,influence of around parts.



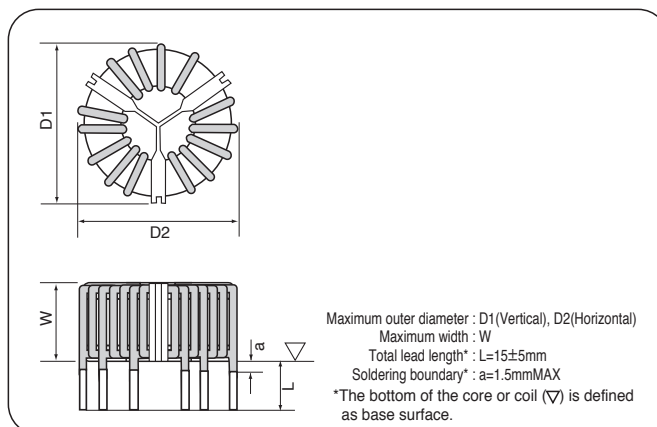
For three-phase circuit

◆ MAJOR USES

- Common mode noise filter for AC/DC

◆ FEATURES

- Significantly improved inductance performance when compared to the FL Series
- Achieved high impedance over a broad range of frequencies when compared to the FL Series

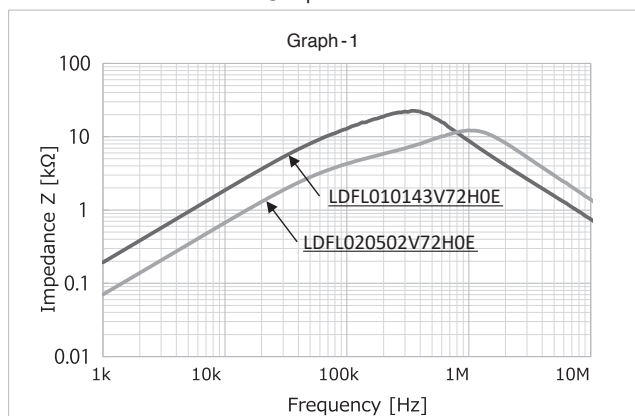


Coil Part No.	Core Part No.	Rated voltage [V]	Rated Current [A]	Inductance		D.C.R. mΩ (max)	Winding mm φ-lines	Outside Dimensions			Frequency Characteristics Graph	Temperature rise Graph
				10kHz [mH]	100kHz [mH]			D1 [mm]	D2 [mm]	W [mm]		
LDFL010143V72H0E	F422615MQCX	250	10	30.7	14.0	18.0	1.5-1P	56.0	56.0	32.0	1	-
LDFL020502V72H0E			20	11.1	5.0	6.0	2.0-1P					-
LDFL015163VGQH0E	F503415MQCX	250	15	34.5	15.7	15.0	2.0-1P	65.0	65.0	35.0	2	-
LDFL020792VGQH0E			20	17.3	7.9	6.0	2.3-1P					-
LDFL025542VGQH0E			25	11.7	5.4	5.0	1.8-2P					-
LDFL030332VGQH0E			30	7.2	3.3	4.0	2.0-2P					-

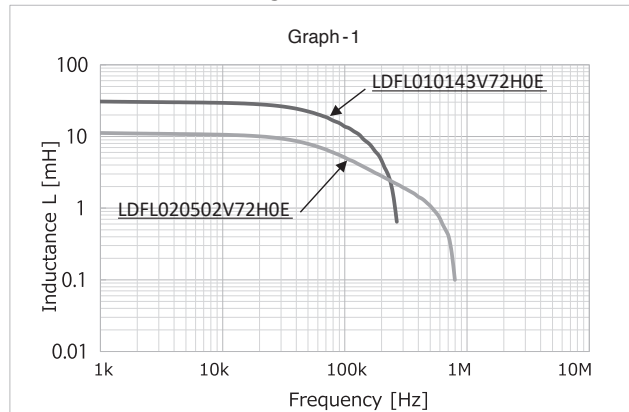
* The inductance at 10kHz indicates the reference value.

◆ FREQUENCY CHARACTERISTICS AMBIENT TEMPERATURE: 25°C

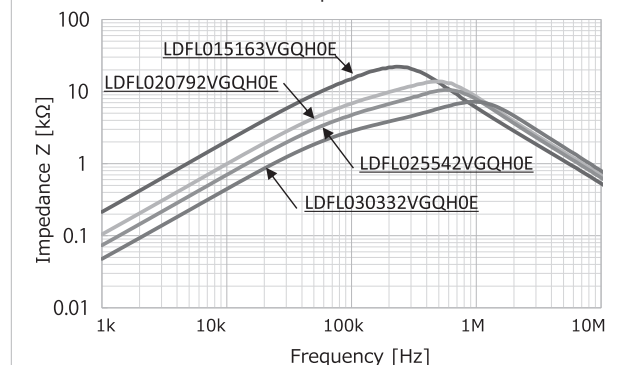
● Impedance



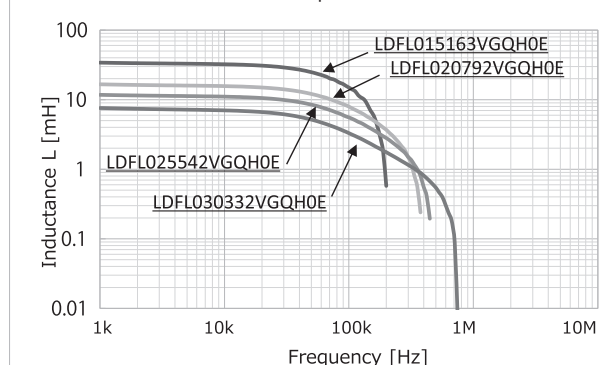
● Inductance



Graph - 2



Graph - 2





- 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.
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Please make sure that you take appropriate safety measures such as use of redundant design and malfunction prevention measures in order to prevent fatal accidents and/or fires in the event any of our products malfunction.
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