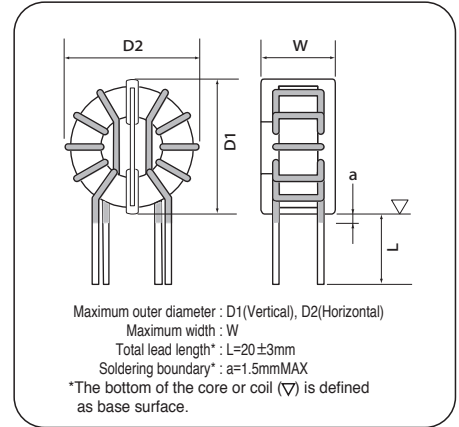


◆ MAJOR USES

- 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

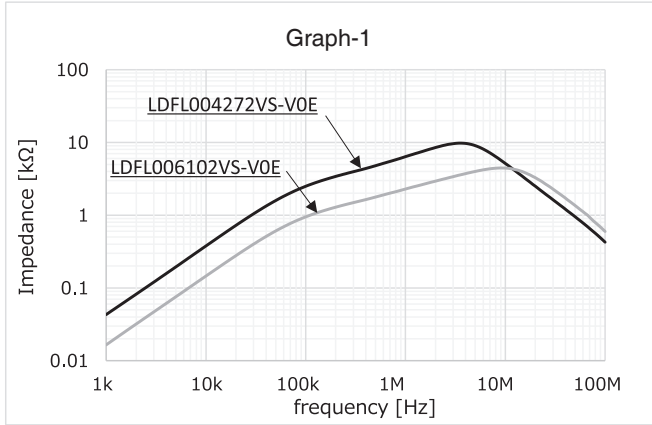


Coil Part No.	Core Part No.	Rated voltage [V]	Rated Current [A]	Inductance		D.C.R. mΩ (max)	Winding mm φ -lines	Outside Dimensions			Frequency Characteristics Graph	Temperature rise Graph
				10kHz [mH]	100kHz [mH]			D1 [mm]	D2 [mm]	W [mm]		
LDFL004272VS-V0E	F110705MCX	250	3.5	6.0	2.7	38.0	0.55-1P	15.0	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	F281815MUCX	700	28	2.2	1.0	2.5	1.6-2P	36.0	40.0	29.5	6	F
LDFL015372VBVU0E			15	8.1	3.7	6.7	1.7-1P					
LDFL021252VBVU0E	F312115MCX	500	21	5.4	2.5	4.5	1.9-1P	38.0	43.0	28.5	7	G
LDFL026152VBVU0E			26	3.3	1.5	2.9	1.5-2P					
LDFL016732V22V0E			16	16.0	7.3	7.9	1.9-1P					
LDFL020412V22V0E			20	9.0	4.1	4.9	2.1-1P					
LDFL025232V22V0E	F372315MUCX	700	25	5.0	2.3	3.1	1.6-2P	48.0	50.0	32.5	8	H
LDFL032142V22V0E			32	3.0	1.4	1.9	1.8-2P					
LDFL020592VJUV0E			20	12.9	5.9	5.7	1.5-2P					
LDFL027282VJUV0E	F443420MCX	600	27	6.2	2.8	3.1	1.7-2P	53.0	59.5	39.0	9	J
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					

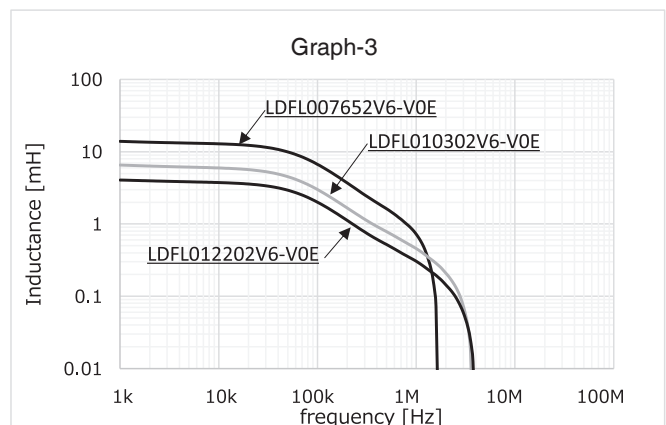
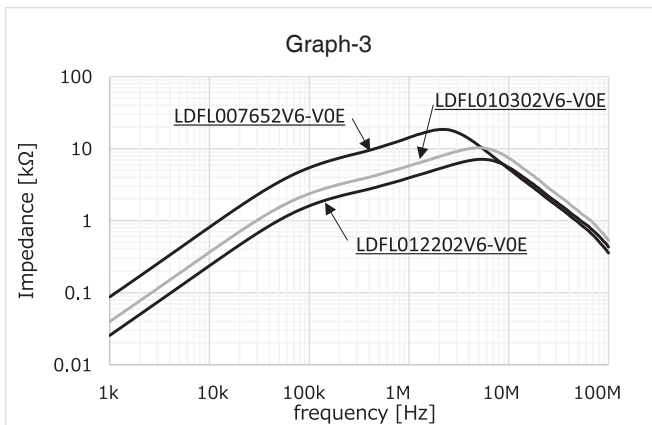
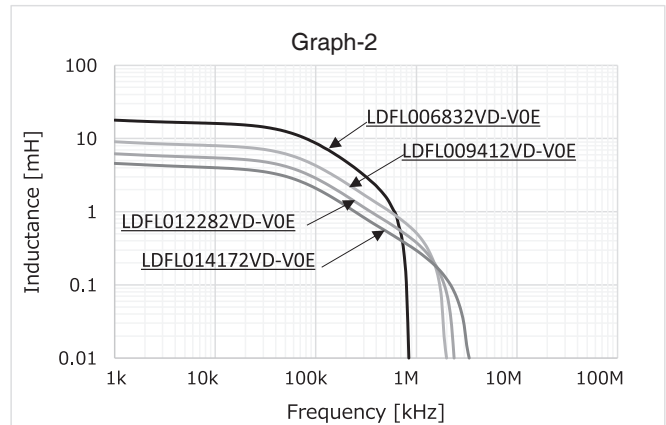
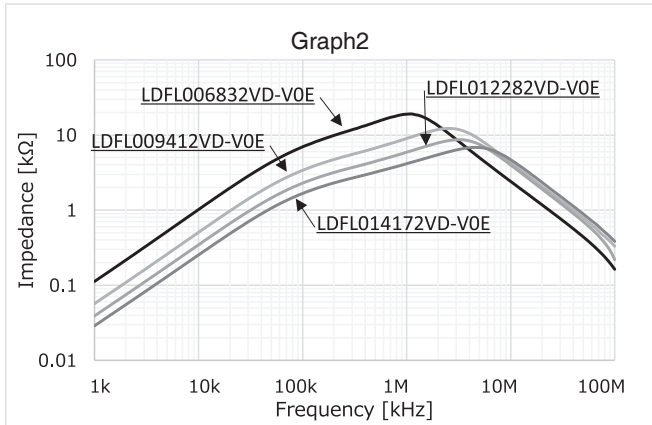
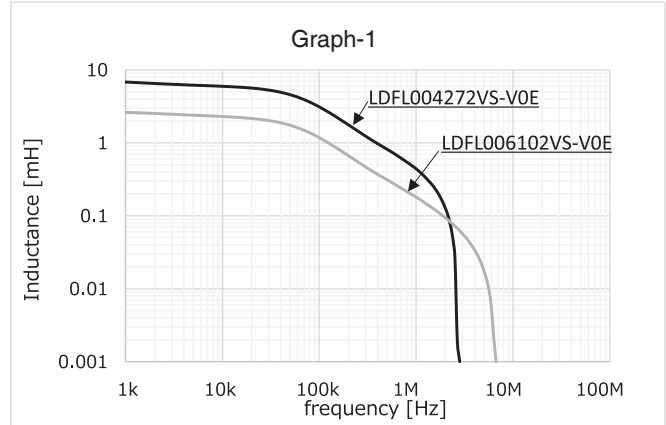
* The inductance at 10kHz indicates the reference value.

◆ FREQUENCY CHARACTERISTICS AMBIENT TEMPERATURE: 25°C

● Impedance



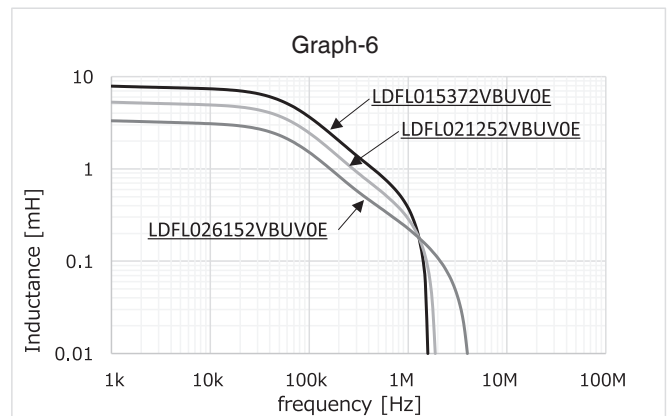
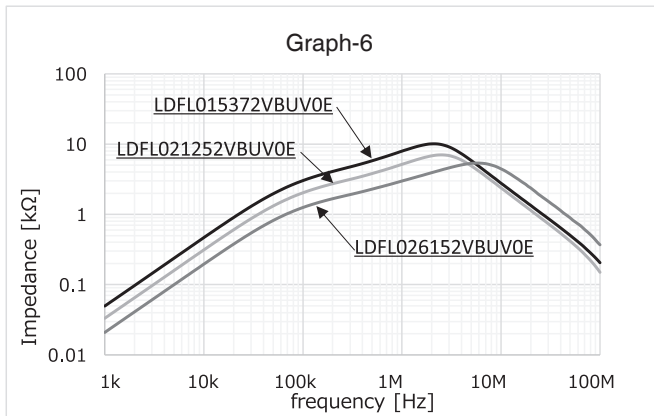
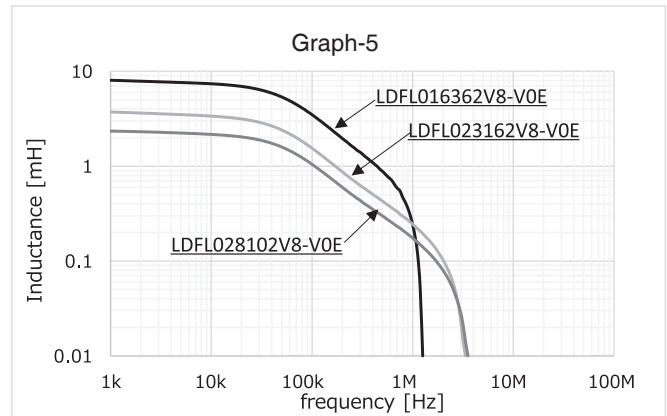
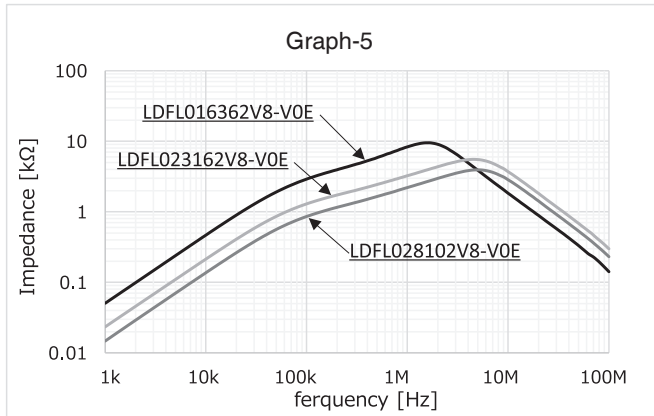
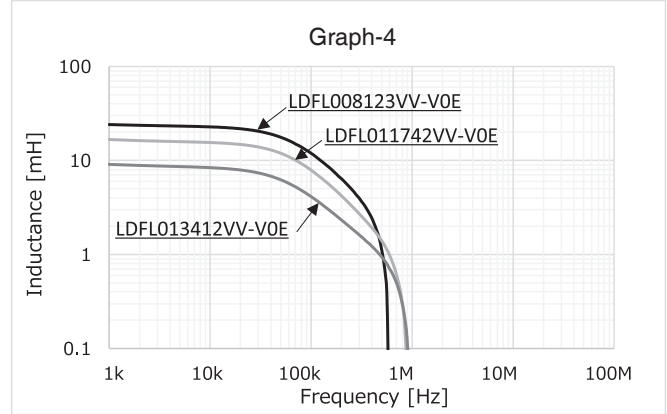
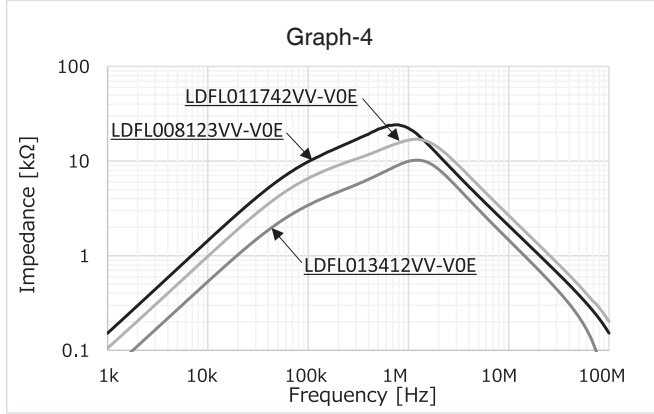
● Inductance



◆ FREQUENCY CHARACTERISTICS AMBIENT TEMPERATURE: 25°C

● Impedance

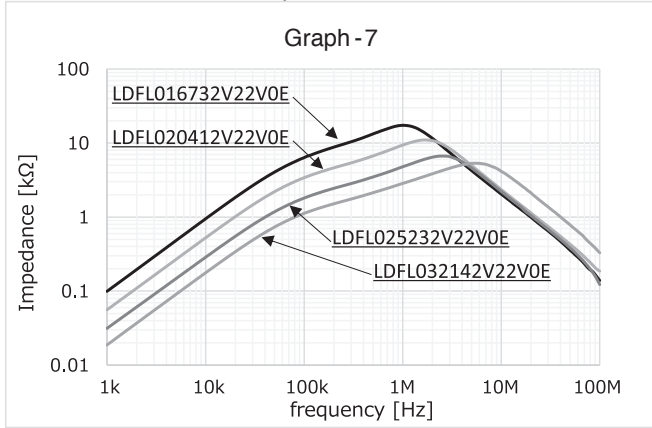
● Inductance



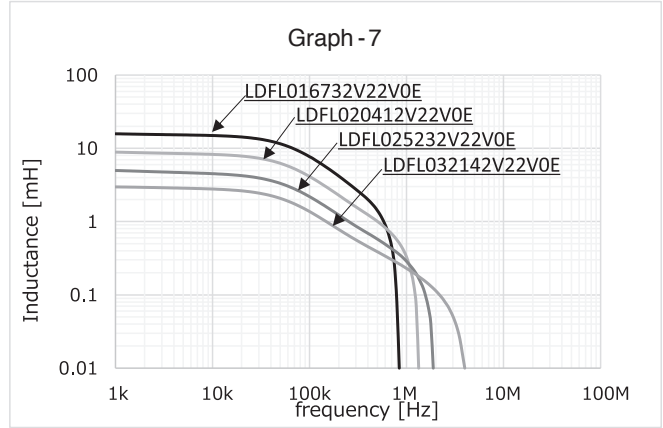
NANOCRYSTALLINE/
AMORPHOUS/DUST

◆ FREQUENCY CHARACTERISTICS AMBIENT TEMPERATURE: 25°C

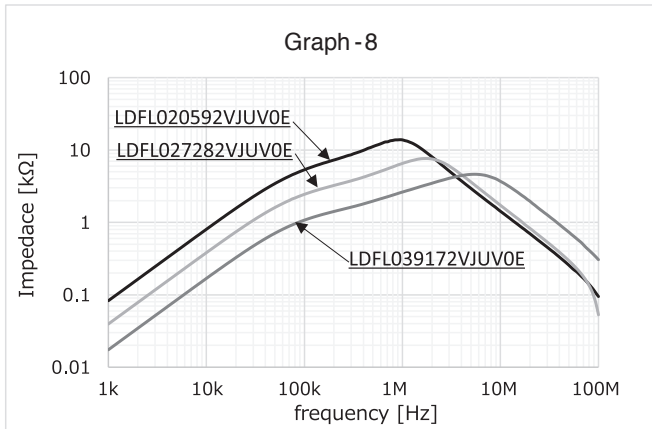
● Impedance



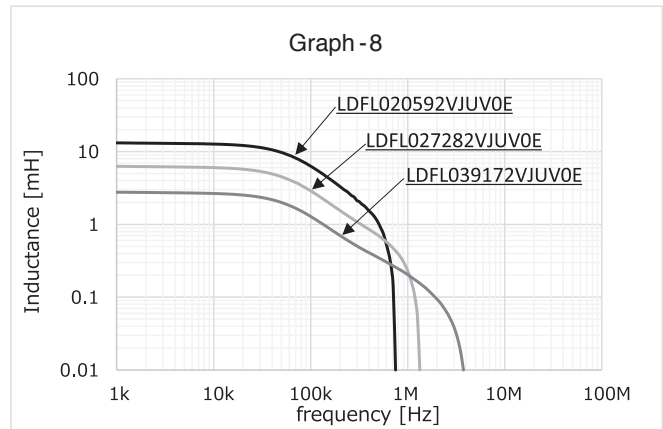
● Inductance



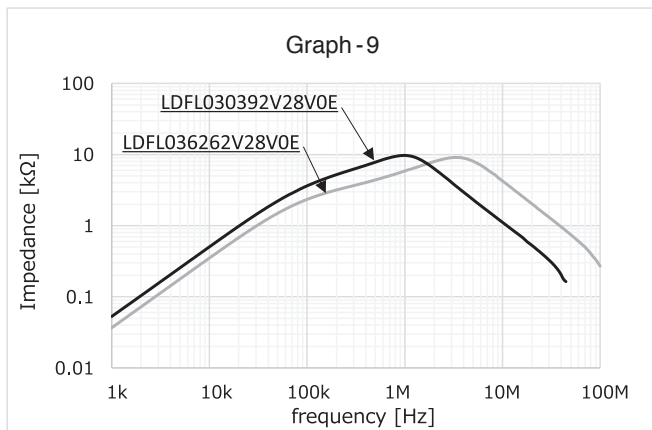
Graph - 8



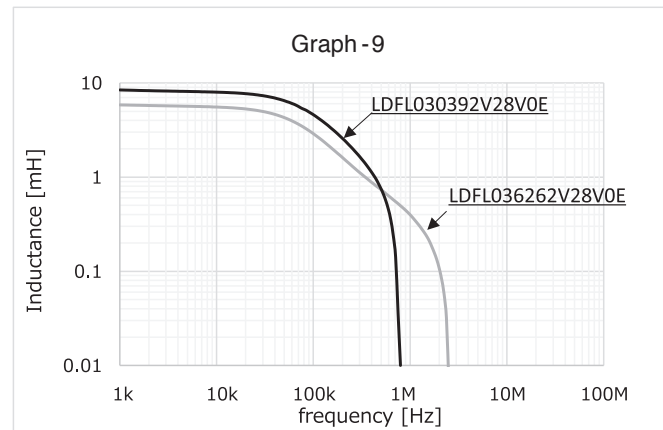
Graph - 8



Graph - 9



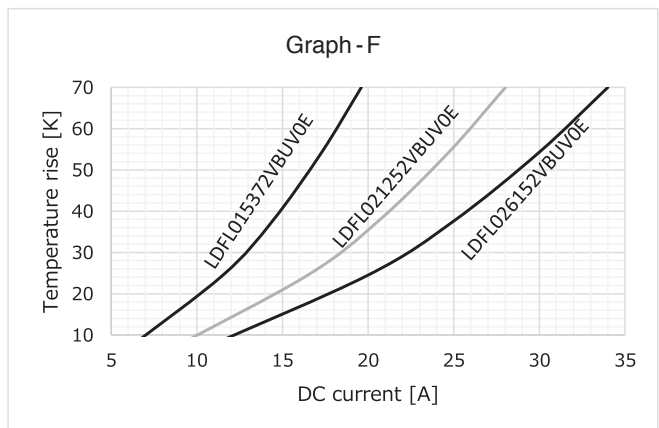
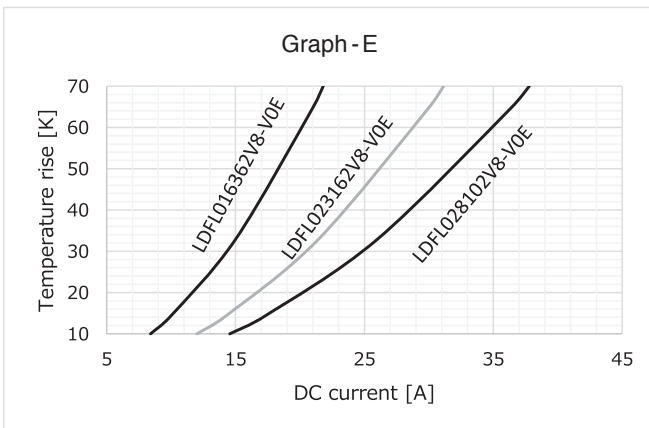
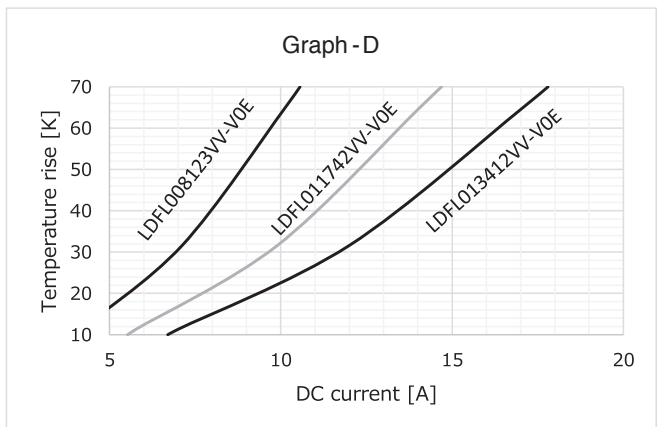
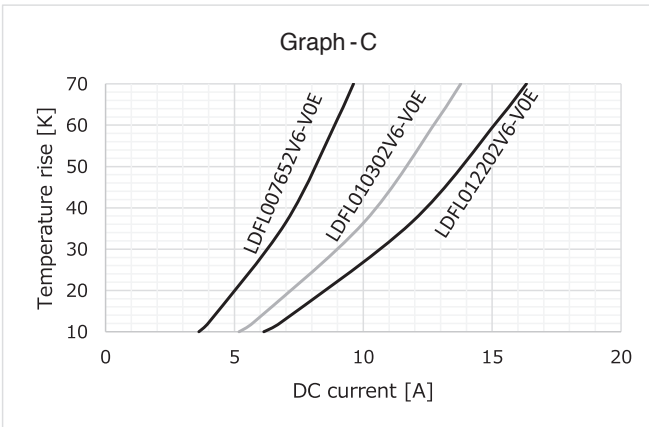
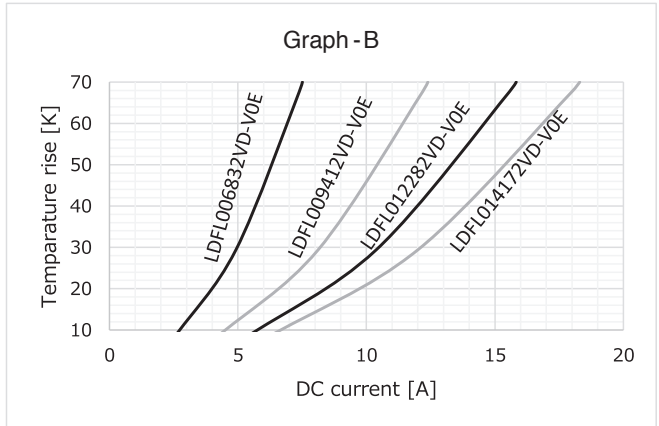
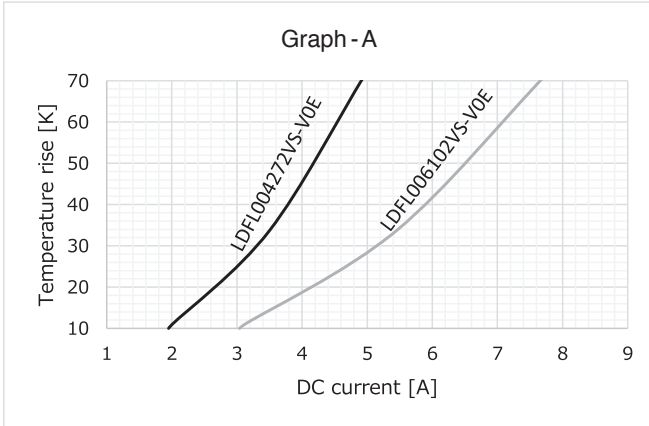
Graph - 9



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.

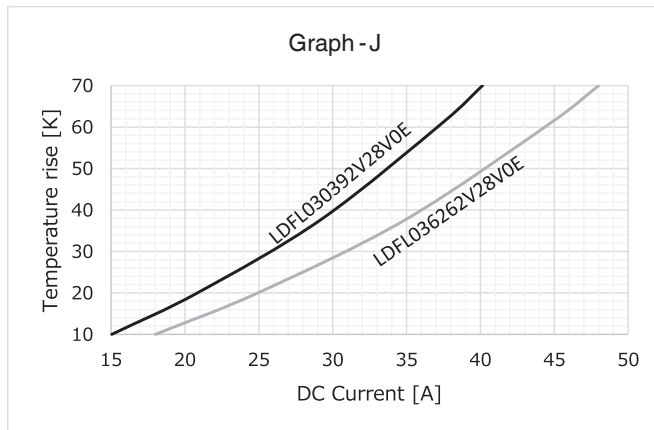
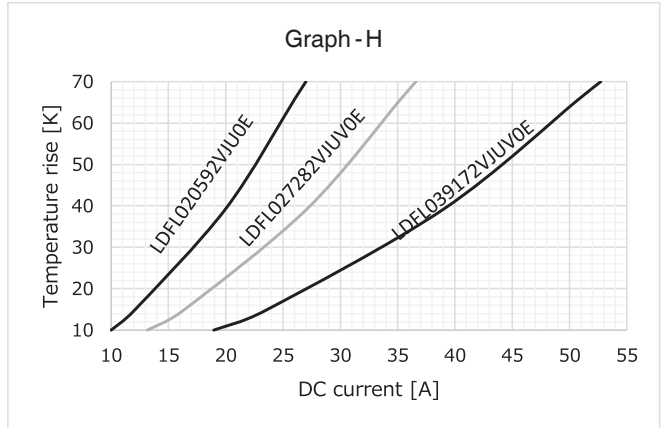
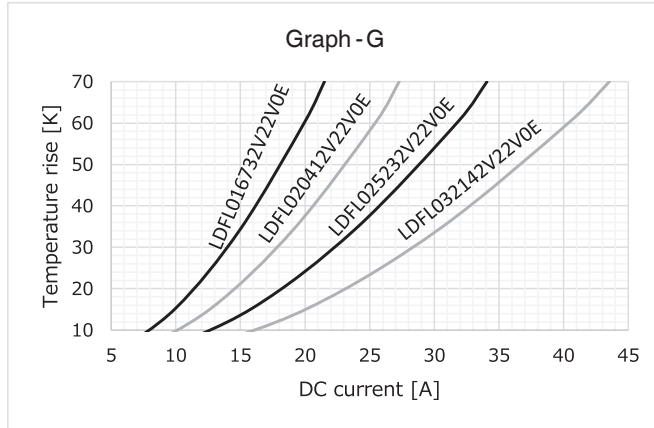


NANOCRYSTALLINE/
AMORPHOUS/DUST

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



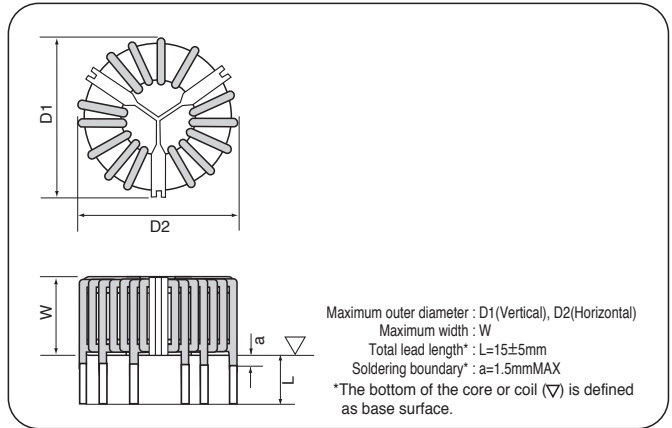
For three-phase circuit

◆ **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

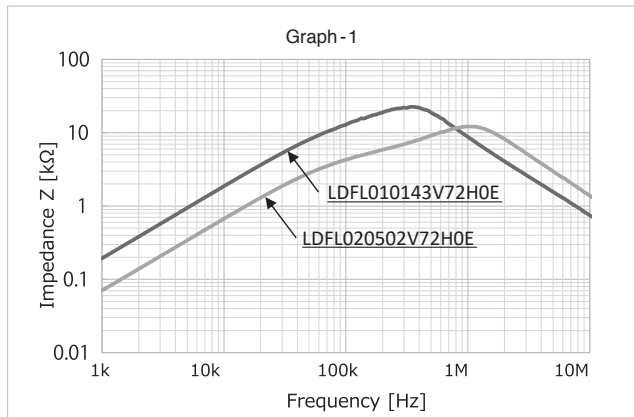


Coil Part No.	Core Part No.	Rated voltage [V]	Rated Current [A]	Inductance		D.C.R. mΩ (max)	Winding mm φ-lines	Outside Dimensions			Frequency Characteristics Graph	Temperature rise Graph
				10kHz [mH]	100kHz [mH]			D1 [mm]	D2 [mm]	W [mm]		
LDFL010143V72H0E	F422615MQCX	250	10	30.7	14.0	18.0	1.5-1P	56.0	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					-

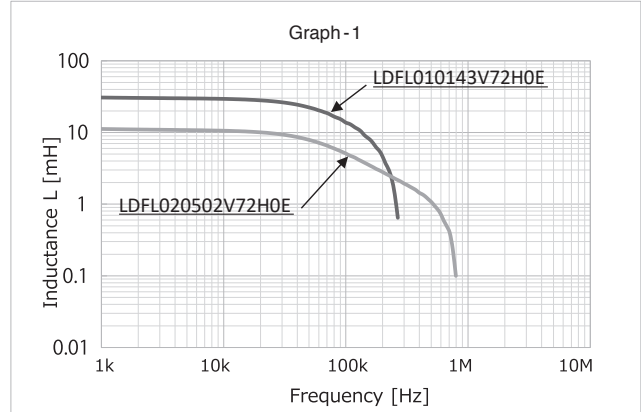
* The inductance at 10kHz indicates the reference value.

◆ **FREQUENCY CHARACTERISTICS AMBIENT TEMPERATURE:25°C**

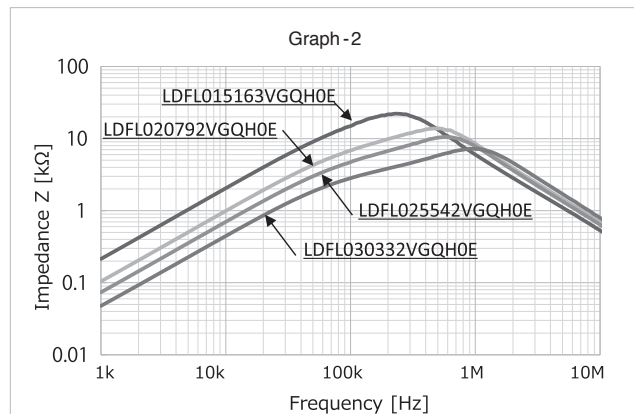
● Impedance



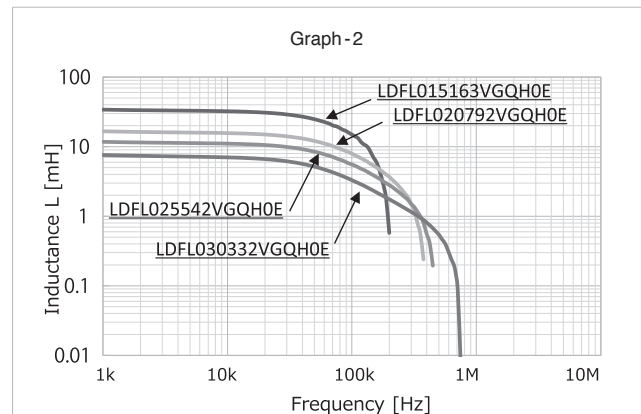
● Inductance



Graph-2



Graph-2



NANOCRYSTALLINE/
AMORPHOUS/DUST



- 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.
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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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