

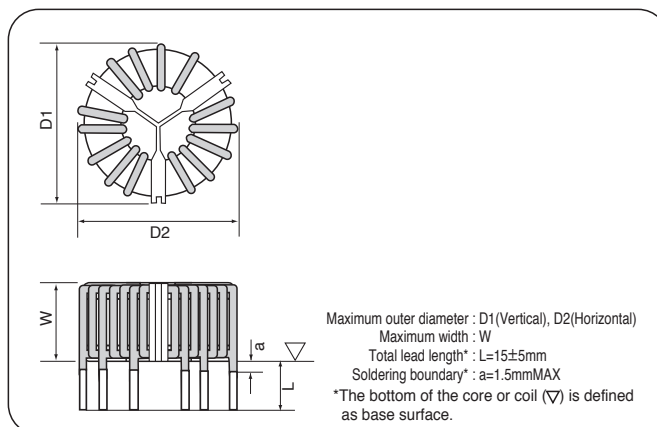
For three-phase circuit

◆ 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

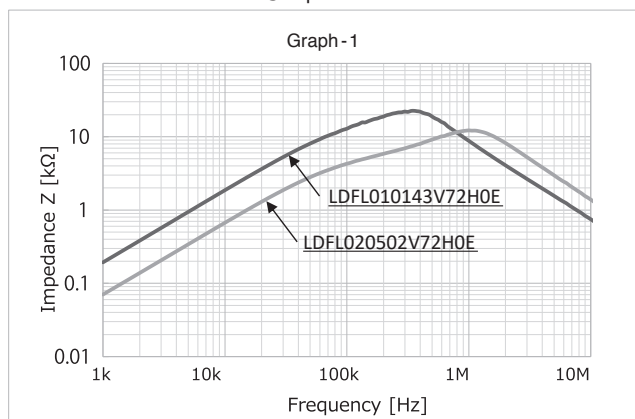


Coil Part No.	Core Part No.	Rated voltage [V]	Rated Current [A]	Inductance		D.C.R. mΩ (max)	Winding mm φ-lines	Outside Dimensions			Frequency Characteristics Graph	Temperature rise Graph
				10kHz [mH]	100kHz [mH]			D1 [mm]	D2 [mm]	W [mm]		
LDFL010143V72H0E	F422615MQCX	250	10	30.7	14.0	18.0	1.5-1P	56.0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

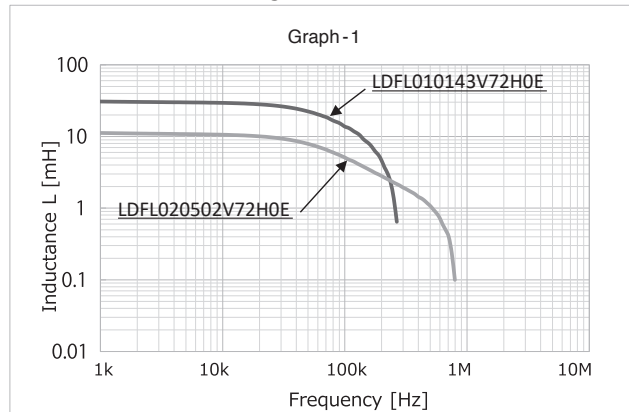
* The inductance at 10kHz indicates the reference value.

◆ FREQUENCY CHARACTERISTICS AMBIENT TEMPERATURE: 25°C

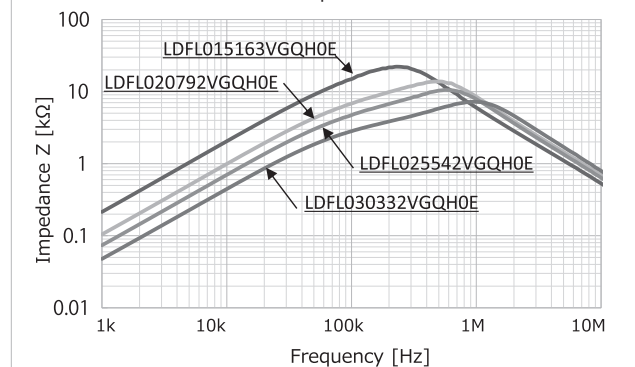
● Impedance



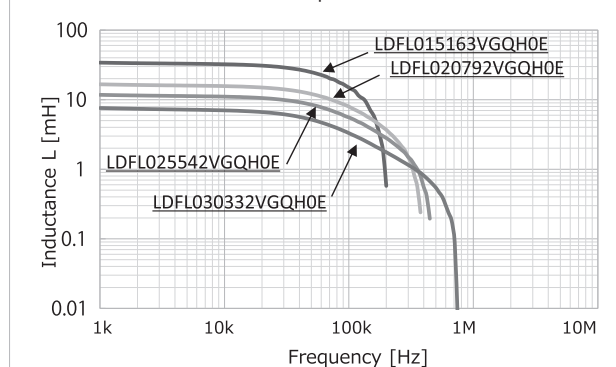
● Inductance



Graph - 2



Graph - 2



◆ MAJOR USES

- Common mode noise filter for AC/DC
- Zero-phase reactor

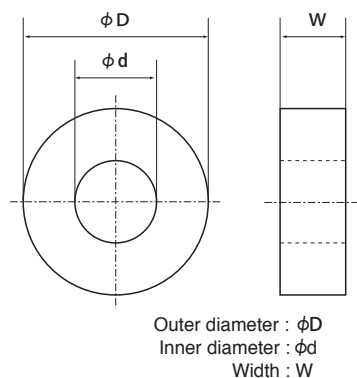
◆ FEATURES

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



Core Part No.	Cross Sectional Area [cm ²]	Magnetic Path Length [cm]	Weight [g]	Outside dimensions			Inductance Coefficient (AL Value [μH/N ²] at 0A)		Frequency Characteristics Graph
				φD [mm]	φd [mm]	W [mm]	10kHz	100kHz	
LRF251510MKCX	0.41	6.38	25	28.3	12.7	12.3	-	25.2	1
LRF251515MKCX	0.63	6.38	35	28.3	12.7	17.5	-	38.1	2
LRF322015MKCX	0.69	8.09	46	35.2	17.5	17.3	-	33.1	3
LRF372315MKCX	0.83	9.33	67	40.5	19.5	18.0	-	34.7	4
LRF462715MKCX	1.14	11.47	107	49.4	22.7	18.0	-	38.7	5
LRF462725MKCX	1.90	11.47	165	49.4	22.7	28.0	-	64.6	6
LRF624520MKCX	1.36	16.81	200	66.0	41.0	24.0	-	31.5	7

◆ DIMENSIONS OF CORE





- 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.
- The circuits described as examples in this catalog and the "delivery specifications" are featured in order to show the operations and usage of our products, however, this fact does not guarantee that the circuits are available to function in your equipment systems. We are not in any case responsible for any failures or damage caused by the use of information contained herein. You should examine our products, of which the characteristics are described in the "delivery specifications" and other documents, and determine whether or not our products suit your requirements according to the specifications of your equipment systems. Therefore, you bear final responsibility regarding the use of our products.
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- We strongly recommend our customers to purchase Nippon Chemi-Con products only through our official sales channels. We assume no responsibility for any defects or damages caused by using products purchased from outside our official sales channel or of counterfeit goods. In addition, we will ask the customer to pay the investigation cost for products purchased outside our official sales channel.
- We reserve the right to discontinue production and delivery of products. We do not guarantee that all the products included in this catalog will be available in the future.
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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