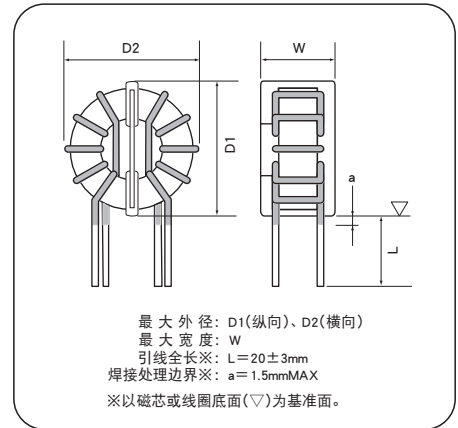


■用途

- AC、DC 共模滤波器

■特点

- 与过去的线圈相比，电感（100kHz）性能得到大幅提升。
- 与过去的线圈相比，在宽频范围内的也可确保高阻抗。
- 最高可支持 700V 额定电压。
- 绝缘等级 B 级，支持阻燃性 UL94V-0。



◆磁芯一般规格

线圈型号*1	磁芯型号	额定电压 [V]	额定电流 [A]	共模电感		最大直流阻抗 mΩ	电线直径 φ×根数	最大外形尺寸			频率特性图	温度上升图
				10kHz [mH]	100kHz [mH]			D1 [mm]	D2 [mm]	W [mm]		
LDFL004272VS-□0E	F110705	250	3.5	6.0	2.7	38	0.55×1P	15.0	16.0	12.0	1,2	A
LDFL006102VS-□0E			5.5	2.3	1.0	16	0.7×1P					
LDFL006832VD-□0E	F221407	250	5.5	18.3	8.3	26	0.9×1P	27.0	31.0	17.5	3,4	B
LDFL009412VD-□0E			9	9.1	4.1	16	1.1×1P					
LDFL012282VD-□0E			12	6.2	2.8	9.5	1.3×1P					
LDFL014172VD-□0E			14	3.8	1.7	7	1.4×1P					
LDFL007652V6-□0E	F221310	250	7	16.3	6.5	22	1.0×1P	29.0	31.0	21.0	5,6	C
LDFL010302V6-□0E			10	6.7	3.0	11	1.2×1P					
LDFL012202V6-□0E			12	4.5	2.0	7.5	1.3×1P					
LDFL008123VV-□0E	F251513	250	8	25.3	11.5	26	1.1×1P	30.5	34.0	23.5	7,8	D
LDFL011742VV-□0E			11	16.2	7.4	15	1.3×1P					
LDFL013412VV-□0E			13	9.1	4.1	10	1.4×1P					
LDFL016362V8-□0E	F262115	500	16	7.8	3.6	7.5	1.8×1P	34.0	37.0	27.5	9,10	E
LDFL023162V8-□0E			23	3.4	1.6	3.7	2.1×1P					
LDFL028102V8-□0E			28	2.2	1.0	2.5	1.6×2P					
LDFL015372VBV□0E	F281815	700	15	8.1	3.7	6.7	1.7×1P	36.0	39.5	29.5	11,12	F
LDFL021252VBV□0E			21	5.4	2.5	4.5	1.9×1P					
LDFL026152VBV□0E			26	3.3	1.5	2.9	1.5×2P					
LDFL016732V22□0E	F312115	500	16	16.0	7.3	7.9	1.9×1P	38.0	43.0	28.5	13,14	G
LDFL020412V22□0E			20	9.0	4.1	4.9	2.1×1P					
LDFL025232V22□0E			25	5.0	2.3	3.1	1.6×2P					
LDFL032142V22□0E			32	3.0	1.4	1.9	1.8×2P					
LDFL020592VJU□0E	F372315	700	20	12.9	5.9	5.7	1.5×2P	48.0	50.0	32.5	15,16	H
LDFL027282VJU□0E			27	6.2	2.8	3.1	1.7×2P					
LDFL039172VJU□0E			39	3.7	1.7	1.8	2.0×2P					
LDFL030392V28□0E	F443420	600	30	8.5	3.9	3.6	2.0×2P	53.0	59.5	39.0	17,18	J
LDFL036262V28□0E			36	5.6	2.6	2.5	2.2×2P					

*1 线圈型号的□中所示，垂直型=V、水平型=H。

图-1 (VS)

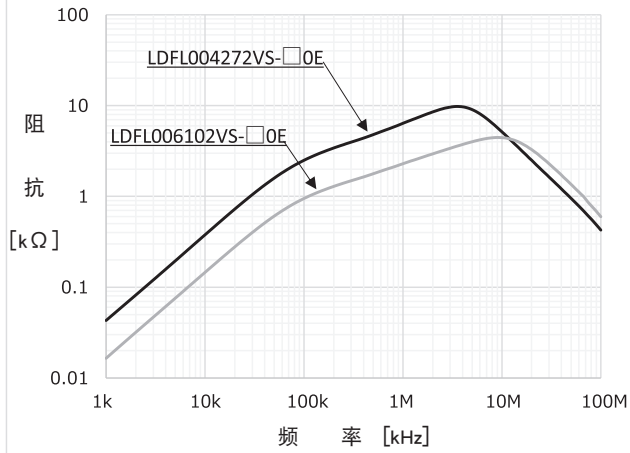


图-2 (VS)

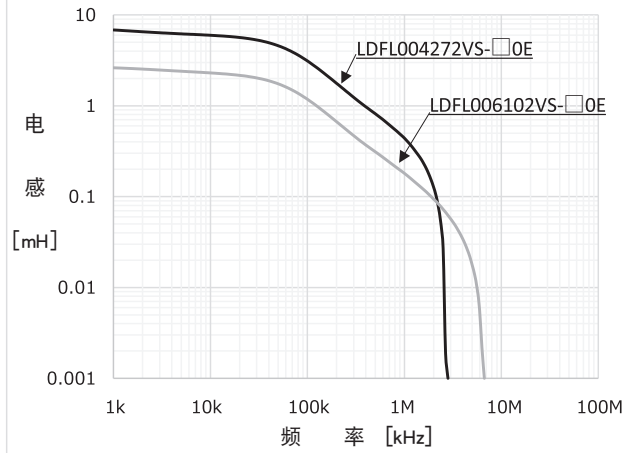


图-3 (VD)

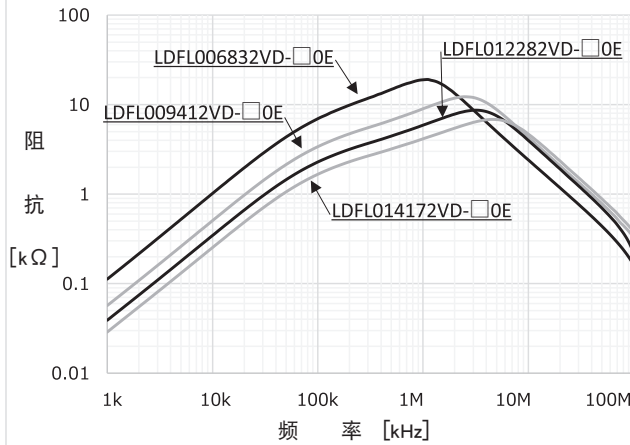


图-4 (VD)

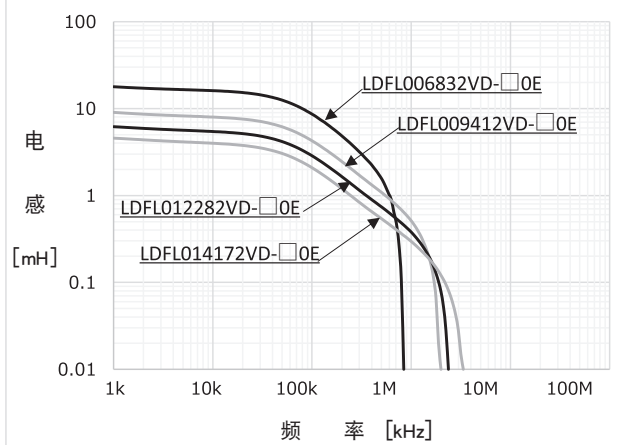


图-5 (V6)

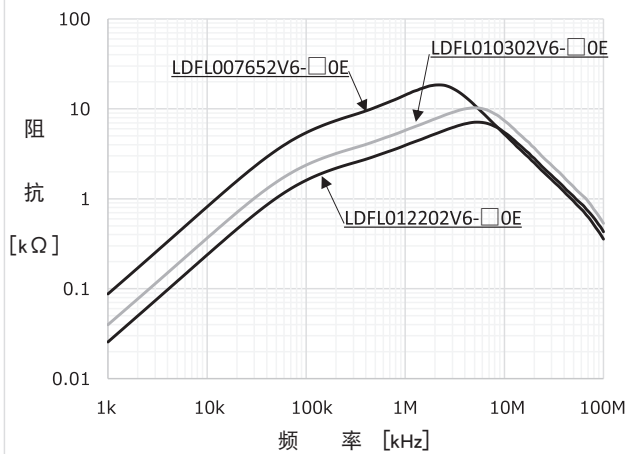
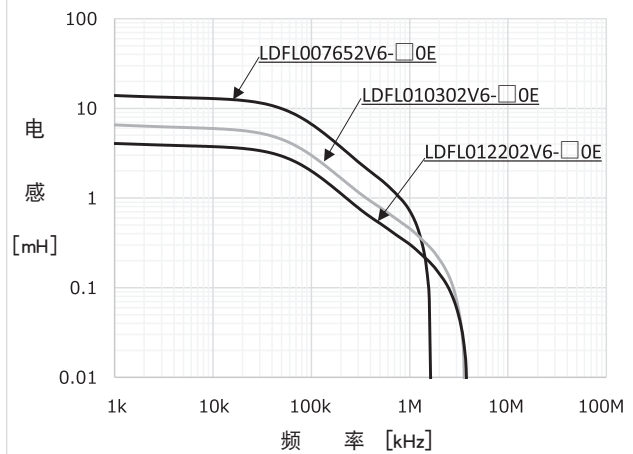


图-6 (V6)



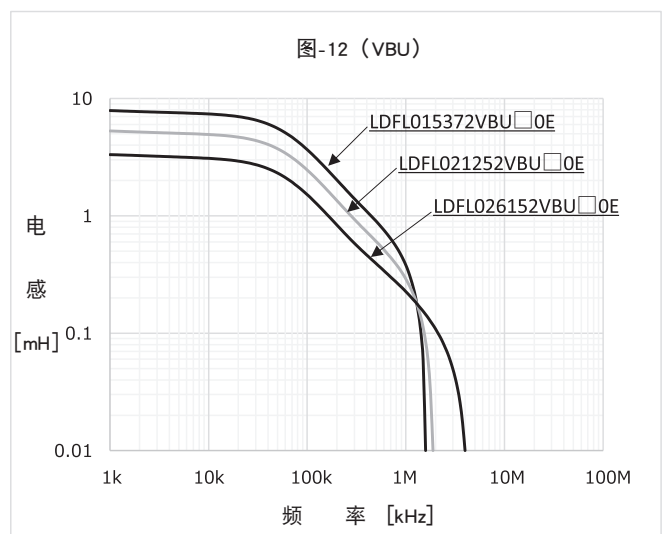
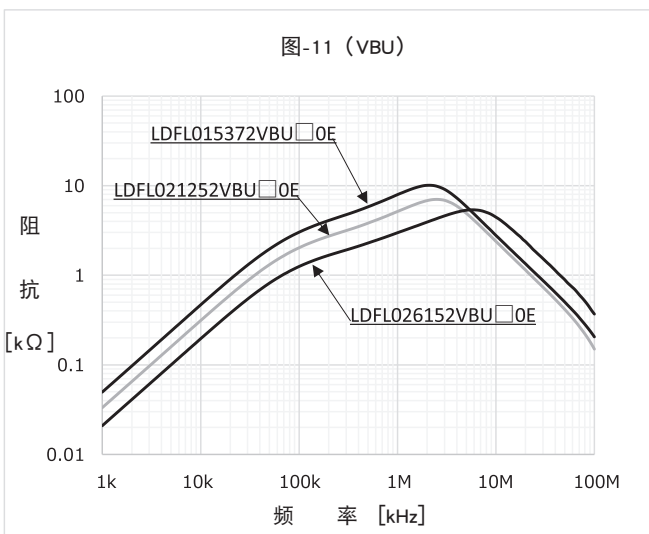
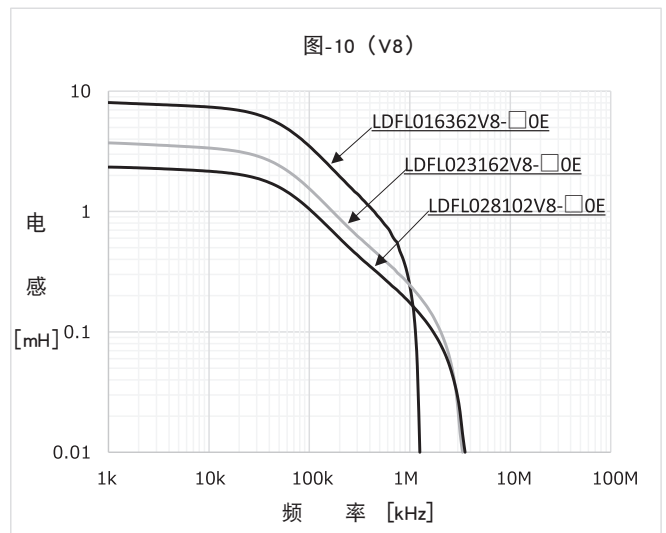
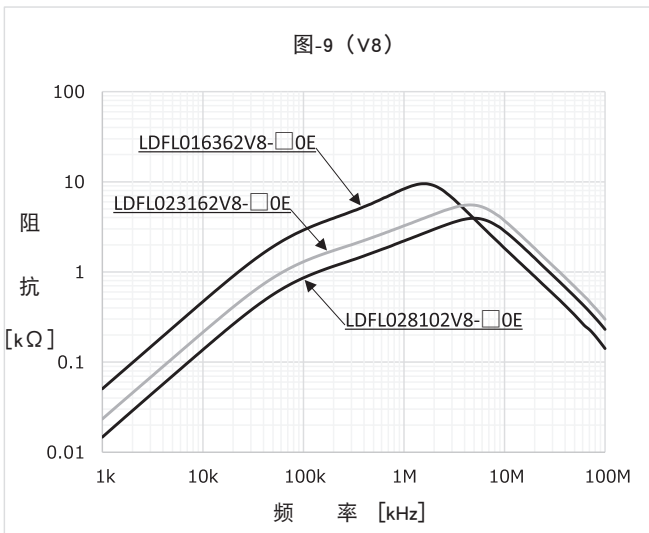
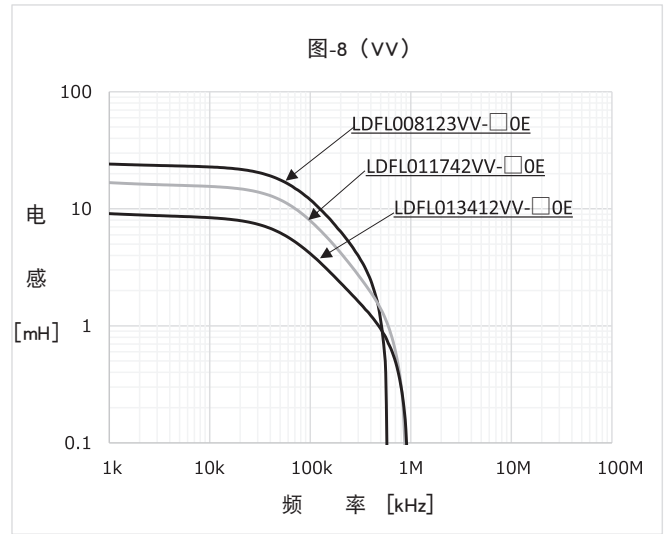
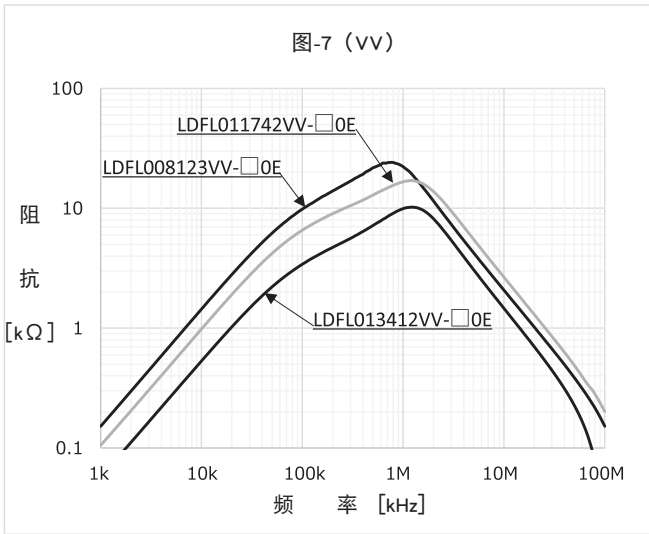


图-13 (V22)

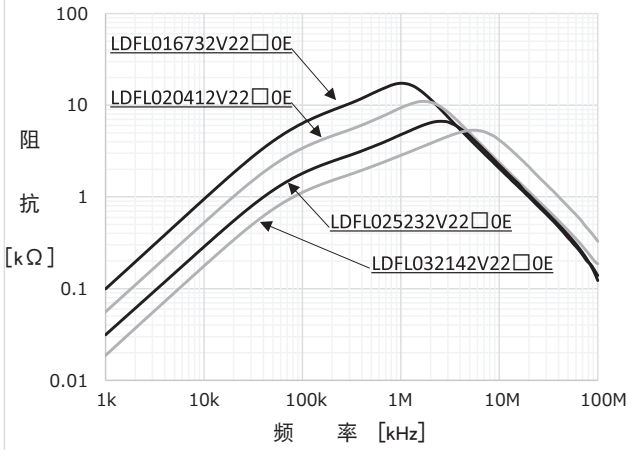


图-14 (V22)

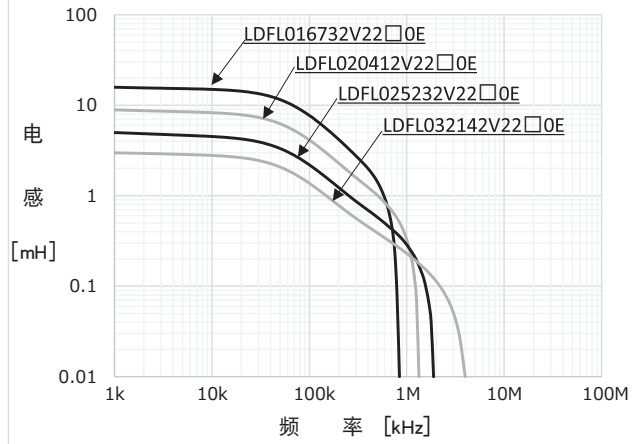


图-15 (VJU)

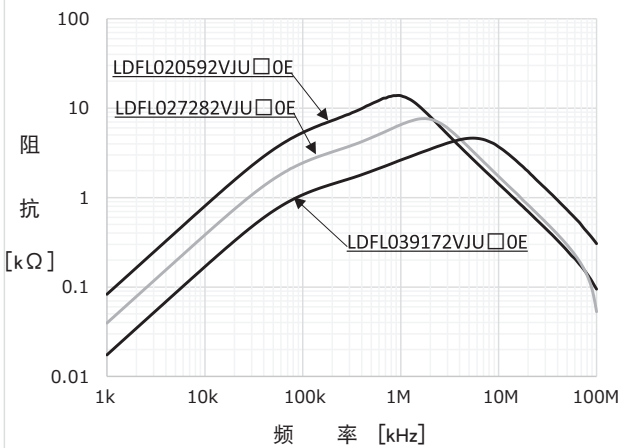


图-16 (VJU)

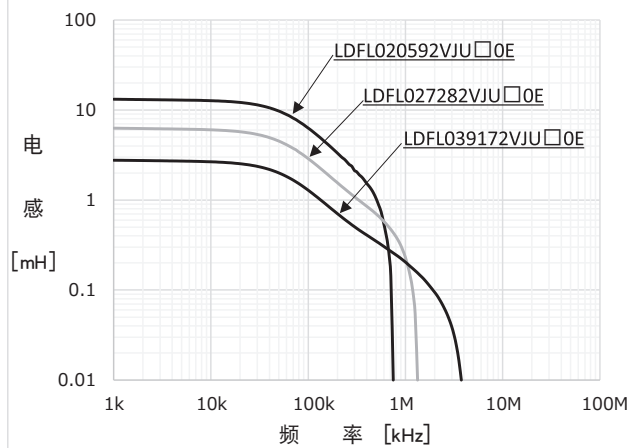


图-17 (V28)

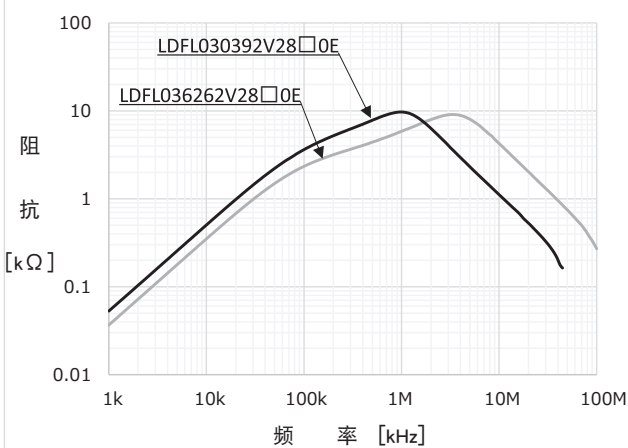
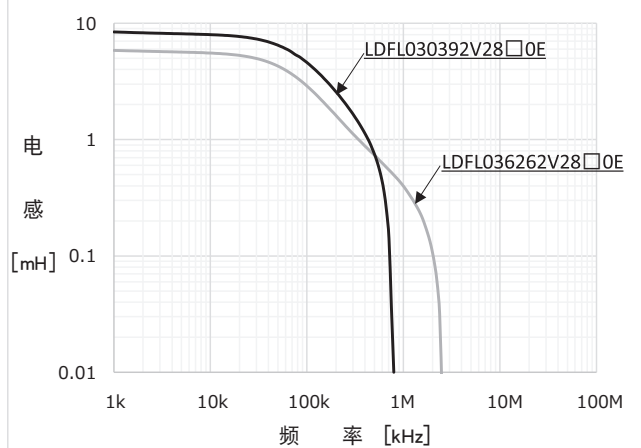
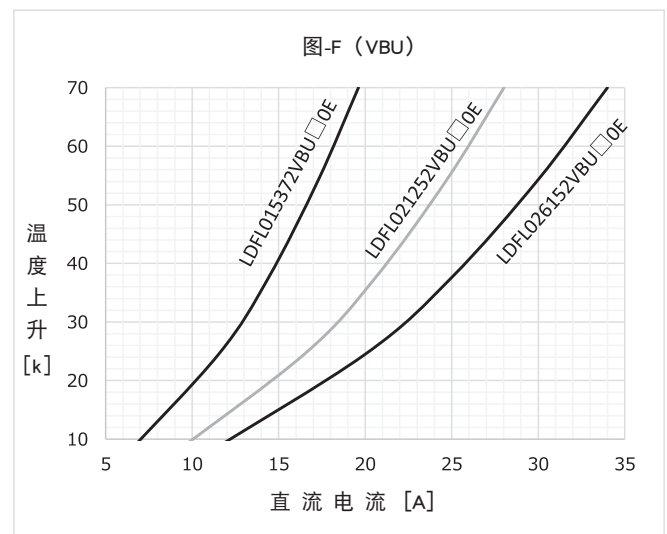
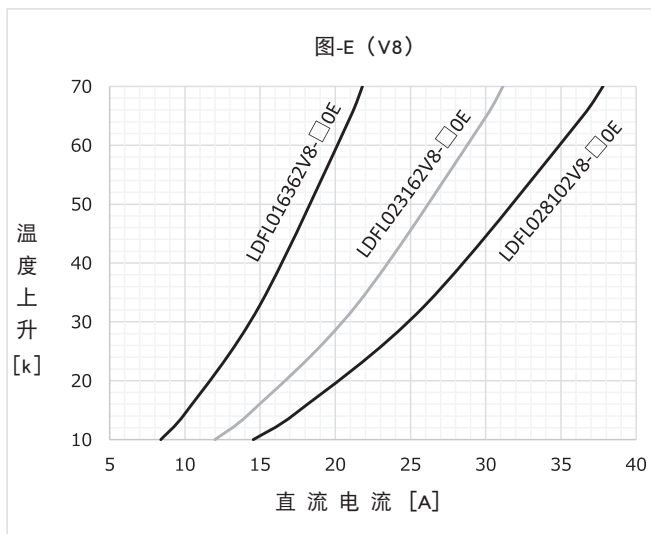
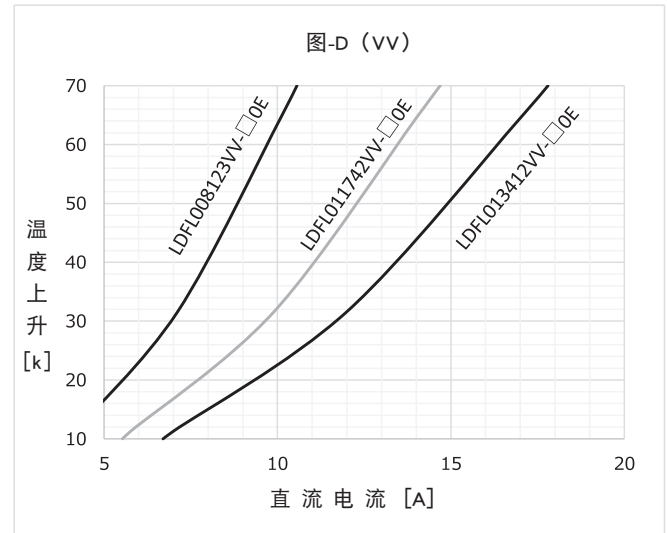
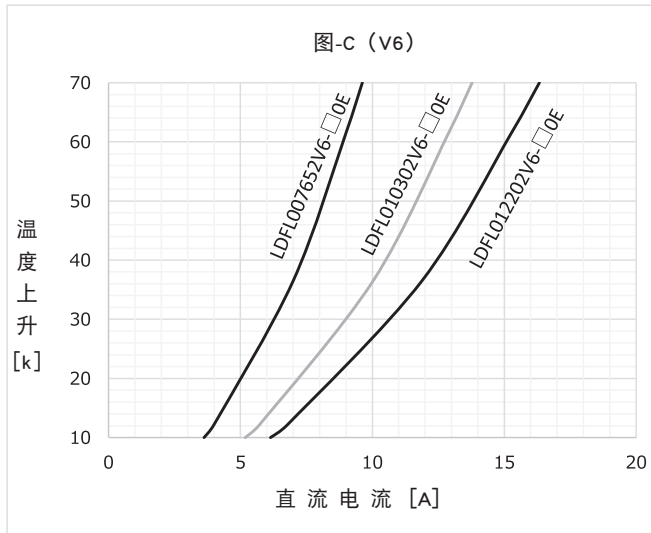
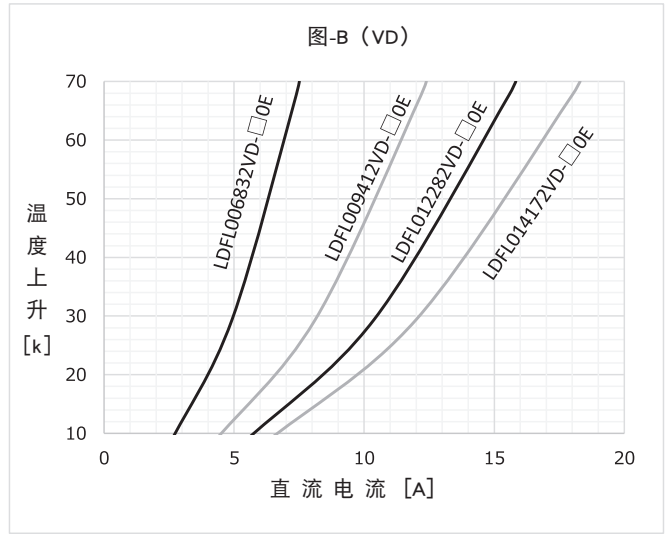
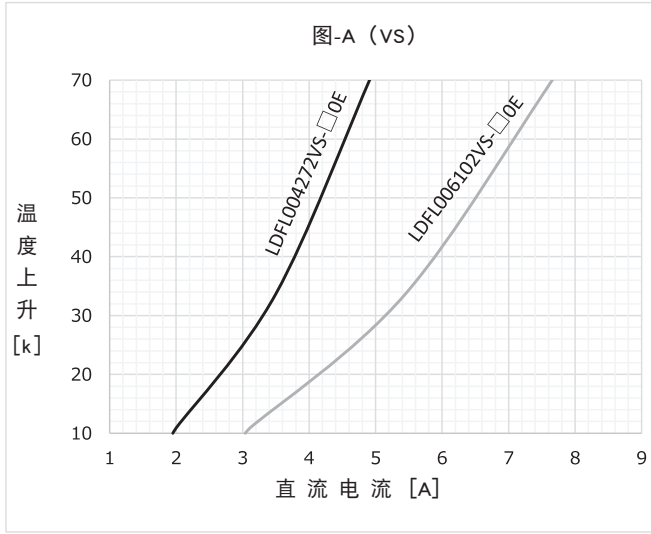


图-18 (V28)



频率特性 环境温度: 25°C (无风) 因DC电流通电产生的饱和温度和温度
※本数据未考虑安装状态、周围部件发热造成的影响等因素。



频率特性 环境温度：25℃（无风） 因DC电流通电产生的饱和温度和温度
※本数据未考虑安装状态、周围部件发热造成的影响等因素。

图-G (V22)

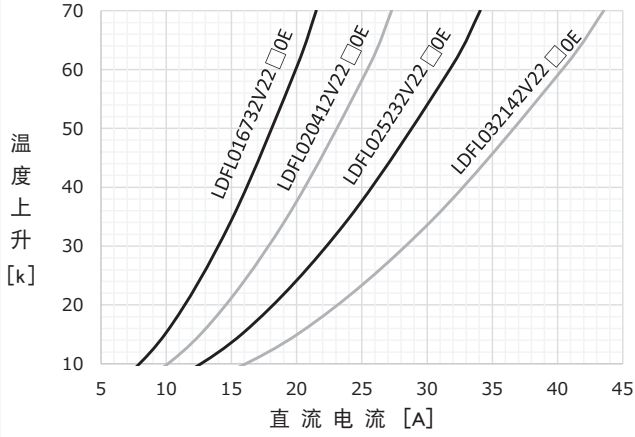


图-H (VJU)

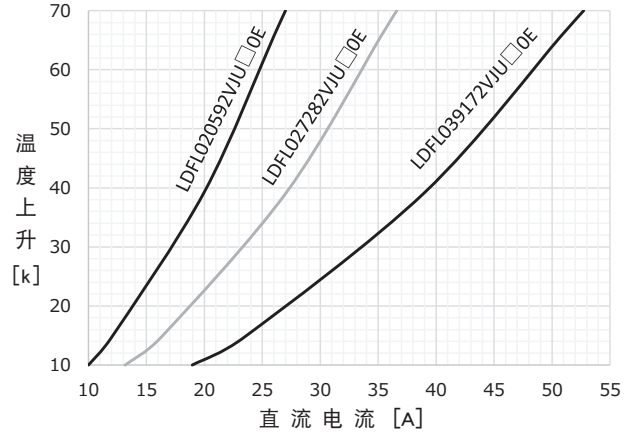
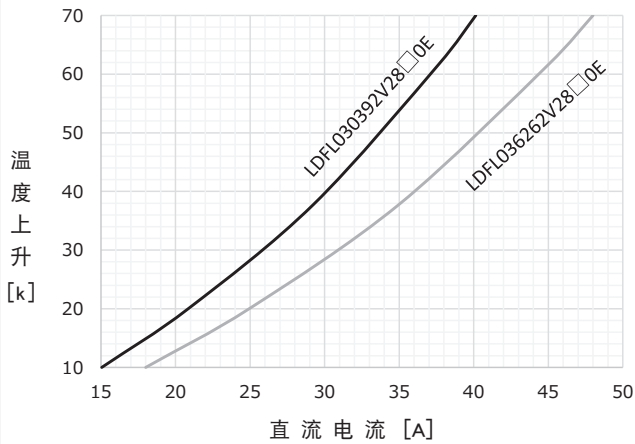


图-J (V28)



使用注意事项

- 引线为铜线，请注意不要反复地施加过强的力或弯折。
- 请避免线圈与坚硬、锋利的物品碰撞。否则可能会使保护层受损，损害性能。
- 耐热温度130℃为包含线圈自己发热的保证温度。
- 在高温高湿环境，电线保护层会发生水解，导致绝缘劣化。
- 共模线圈可能因电流不平衡导致磁饱和。
- 线圈单品未取得安全标准。

FL-V 系列

RoHS2
适应品

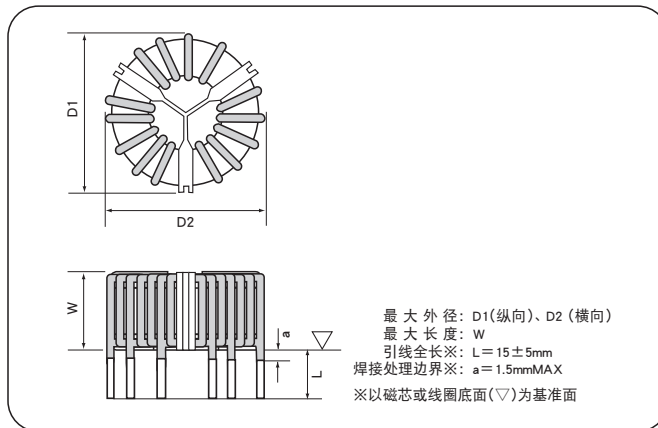
三相用

■用途

- AC、DC 用共模噪声对策

■特点

- 与 FL 系列相比，电感性能显著提高。
- 与 FL 系列相比，在宽频范围内的也可确保高阻抗。



线圈型号	额定电流 A	共模电感系数		最大 直流阻抗 mΩ	卷线规格 φ×根数	外形尺寸		
		10kHz (参考值)	100kHz (额定值)			D1 mm	D2 mm	W mm
		mH	mH					
LDFL010143V72H0E	10	30.7	14.0	18	1.5×1P	56.0	56.0	32.0
LDFL020502V72H0E	20	11.1	5.0	6	2.0×1P	56.0	56.0	32.0
LDFL015163VGQH0E	15	34.5	15.7	15	2.0×1P	65.0	65.0	35.0
LDFL020792VGQH0E	20	17.3	7.9	6	2.3×1P	65.0	65.0	35.0
LDFL025542VGQH0E	25	11.7	5.4	5	1.8×2P	65.0	65.0	35.0
LDFL030332VGQH0E	30	7.2	3.3	4	2.0×2P	65.0	65.0	35.0

