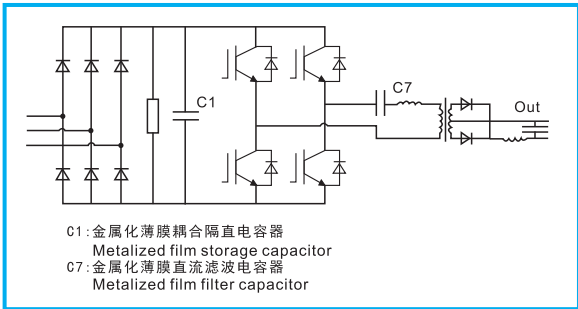


» 金属化薄膜耦合隔直、直流滤波电容器

Metallized film coupling/film filter capacitor

典型线路图/Typical circuit



外形图/Outline drawing



特点/Feature

- 损耗小，内部温升小
- 等效串联电阻小，自感小，能承受较大的纹波电流
- 有自愈特性
- Low dissipation factor(t_g),low temperature fising
- Low ESR, Low self-inductance. Support high ripple current
- Self-healing

应用场合/ Applications

- GTO
- 高频纹波电流直流滤波应用
- 高压脉冲，高频应用
- Surge absorb function in GTO
- Apply in high frequency ripple current DC filtering
- High voltage impuse,High frequency application

性能指标/Technical data

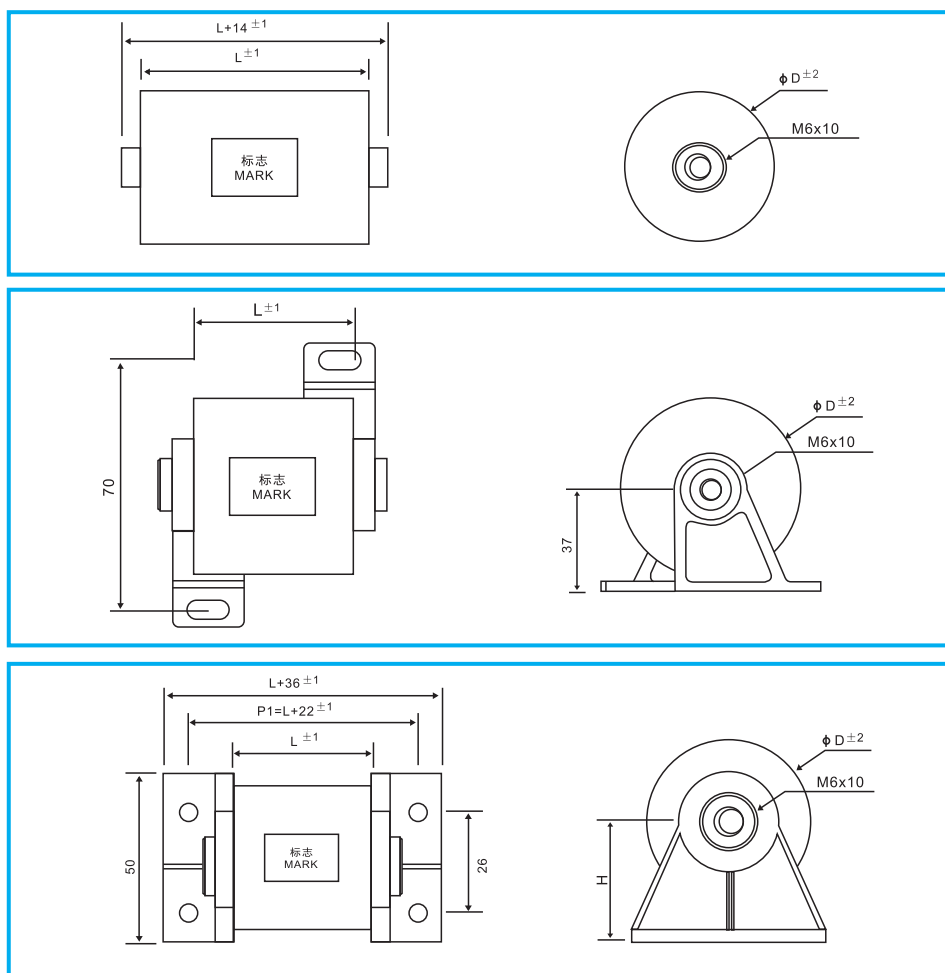
引用标准	Reference to Standard	GB/T17702
结构形式	Structure	金属薄膜无感式，产品为干式 Metallized self- healing DC-Link filter capacitor,Dry type
封装	Encapsulation	白色迈拉胶带，干式环氧树脂（可带安装支架） (with bracket) Epoxy resin,wite mylar tape epoxy resin
容量范围	Capacitance Range	5~100 μ F
容量允许偏差	Capacitance Tolerance	$\pm 5\%$ (J), $\pm 10\%$ (K)
电压范围	Voltage Range	400V.DC~1600V.DC
极壳耐压	Utc	1.5Un/10S
损耗角	Dissipation Factor ($t_g \delta$)	$t_g \delta \leq 0.0015$ (at 1kHz)
绝缘电阻	Insulation Resistance	$R_i \times C \geq 5000s$ (at20 $^{\circ}$ C 100V.DC 60s)
气候类别	Climate Category	40/85/21
工作温度范围	Working Temperature	-40 $^{\circ}$ C~85 $^{\circ}$ C
储存温度范围	Storage Tempearture	-40 $^{\circ}$ C~85 $^{\circ}$ C
使用海拔	Height	<2000m
最大电极扭矩	Max Electrode Torque	M6: 3N.m/M8:6N.m /参照IEC61881
预期寿命	Life expectancy	100000h
失效率	Fail Rate	30FIT

备注：如果海拔使用高度超过了2000m, 应该考虑海拔对对流冷却和外绝缘的影响。
Note:It should take consideration regarding to convectional cooking and outter insulation as long as the height is exceed 2000m.

》金属化薄膜耦合隔直、直流滤波电容器

Metallized film coupling/film filter capacitor

外形图/Outline drawing



性能指标/Technical data

电压 (V.DC)	容量 (μ F)	等效串联 电阻(m Ω)	杂散电感 (nH)	纹波电流 有效值(A)	脉冲电流 (A)	L (mm)	D (mm)	物料编码 (Part number)
600	10	12.8	25	30	1000	42	37	H7T2J106JT0G02
	20	6.3	26	30	1500	38	40	H7T2J206JU0G02
	30	4.3	26	40	1800	46	40	H7T2J306JV0G02
	40	3.2	27	45	2000	53	40	H7T2J406JZ0G02
	50	2.6	28	50	2500	58	40	H7T2J506JZ0G02
700	30	4.3	30	40	1800	46	40	H7T1V306JU0G02
	60	2.2	35	50	3000	55	50	H7T1V606JZ0G02
800	10	15	26	30	1000	38	40	H7T2K106JU0G02
	20	8	26	40	1500	45	40	H7T2K206JV0G02
	30	5	30	45	1800	55	60	H7T2K306JZ0G02
	30	5	28	50	1800	63	50	H7T2K306JZ0G02

» 金属化薄膜耦合隔直、直流滤波电容器

Metallized film coupling/film filter capacitor

电压	容量 (μ F)	等效串联 电阻(m Ω)	杂散电感 (nH)	纹波电流 有效值(A)	脉冲电流 (A)	L (mm)	D (mm)	物料编码 (Part number)
800	40	4	28	45	2000	54	50	H7T2K406JZ0G02
	40	4	32	50	2000	63	60	H7T2K406JZ0G02
	40	4	30	60	2000	71	50	H7T2K406JZ0G02
	50	3	28	50	2500	60	50	H7T2K506JZ0G02
	50	3	35	55	2500	70	60	H7T2K506JZ0G02
	60	2.5	30	50	3000	58	60	H7T2K606JZ0G02
	60	2.5	35	60	3500	77	60	H7T2K606JZ0G02
	80	2	32	55	3500	67	60	H7T2K806JZ0G02
	80	2	37	60	4000	88	60	H7T2K806JZ0G02
	100	1.5	35	60	4000	74	60	H7T2K107JZ0G02
	100	1.5	40	80	4000	98	60	H7T2K107JZ0G02
1200	10	1.5	26	30	1000	43	40	H7T3B106JT0G02
	20	8	28	40	1500	51	50	H7T3B206JZ0G02
	30	5	30	40	1800	55	60	H7T3B306JZ0G02
	30	5	30	55	1800	62	50	H7T3B306JZ0G02
	40	4	32	50	2000	63	60	H7T3B406JZ0G02
	50	3	33	55	2500	70	60	H7T3B506JZ0G02
	80	2	37	60	3500	88	60	H7T3B806JZ0G02

备注：以上规格供选型参考，如有特殊需求可另行设计。
The above demension is for your reference,or special size and items on request.