

C43

Resonant Capacitor

谐振电容器

C43



产品特点.Characteristics

- 金属铝外壳, 浸油全密封;
 - 焊片引出, 易安装;
 - 耐压高, 损耗(tgδ)小, 温升低;
 - 高脉冲电流、高dV/dt承受能力;
 - 安全防爆、具有自愈性。
- Metal aluminum shell, oil immersion fully sealed
 - Solder lead, easy installation
 - High voltage resistance, small dissipation factor (tgδ), low temperature rise
 - High pulse current, high dV/dt withstand capacity
 - Safe and explosion-proof, self healing

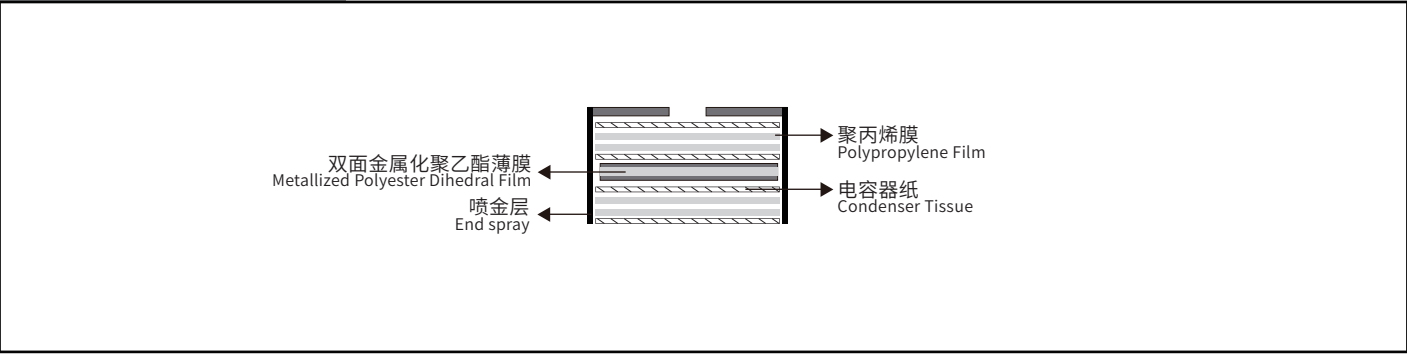
产品应用.Application

- 广泛应用于储能、脉冲、振荡电路, 交流电压可达6000V, 使用频率可达30kHz。特别适用于点火引弧电焊机中。
- Widely used in energy storage, impulse, oscillation circuit, AC voltage up to 6000V, working frequency can reach up to 30kHz. Especially suitable for igniting arc welding machine

性能参数.Technical Data

● 引用标准Reference Standard	GB/T 17702 IEC 61071 GB/T 12747
● 工作温度范围Operating Temperature Range	-55℃~+85℃ max:+105℃
● 容量范围Capacitance Range	1000pF~4700pF at 20℃, 10kHz
● 额定电压Rated Voltage	3000VAC
● 容量偏差Capacitance Tolerance	±5% ±10%
● 耐电压Withstand Voltage	V _{t-t} :2.0UN 10s 20℃
	V _{t-c} :6000VAC&9000VDC 50Hz 60s, 20℃
● 损耗角正切Dissipation Factor	ttgδ≤80×10-4 at 20℃, 100kHz
● 频率Frequency	100kHz~10MHz
● 绝缘电阻Insulation Resistance	R≥100000MΩ, at 500VDC, 20℃, 60s
● 防爆等级Explosion-proof Level	P2
● 预期寿命Life Expectancy	100000hrs (Un θhotspot ≤ 85℃)

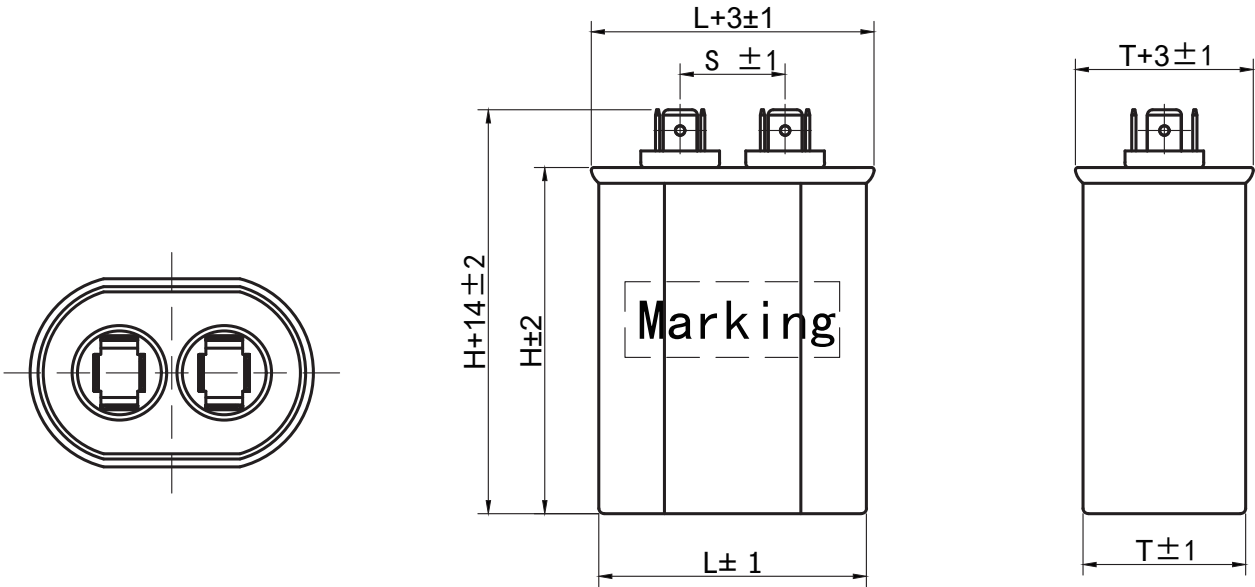
结构图.Construction Diagram



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产品外形.Product Shape



产品编码.Product Coding

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
C	4	3	X	X	N	X	X	N					-		
产品型号 Product model			额定电压 Rated voltage XX*10 ⁿ (V)			标称容量 Nominal capacity XX*10 ⁿ (pF)			引出电极 Extraction electrode P-焊片 P-soldering lug				序列号 Serial number 01、02...		
容量偏差 Capacity deviation										焊片型号 Copper Sheet type					
J ±5%															
K ±10%															

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参数表.A rticle Table

Part Number	CAP (pF)	Dimension (mm)			
		L	T	H	S
3000VAC					
C43302102K●●●●●	1000	51	31	66	20
C43302122K●●●●●	1200	51	31	66	20
C45302152K●●●●●	1500	51	31	66	20
C43302182K●●●●●	1800	51	31	66	20
C43302222K●●●●●	2200	51	31	66	20
C43302272K●●●●●	2700	51	31	66	20
C43302332K●●●●●	3300	51	31	66	20
C43302392K●●●●●	3900	51	31	66	20
C43302472K●●●●●	4700	51	31	66	20

以上表格/图形仅供参考, 以实物为准, (单位:mm)
The above table / graphics are for reference only, subject to the actual product (unit: mm)