



## C95 型 高耐温金属化薄膜车载电容器

### Type C95 Metallized High Temperature film Capacitor For Automotive



#### 产品特点 Features

主要应用于车用直流滤波应用场合（如 DC-DC 转换器,OBC,WPT 等），可连续工作在 125°C。  
Used in DC smoothing Capacitor for automotive applications (such as DC-DC convertor, OBC, WPT, etc.), Can be continuously worked at 125°C.

使用特殊的金属化安全膜设计，在高温下工作时有良好的自愈性。  
Used metallized segment film design, with good self-healing property to work at high temperatures.

符合高温耐久性、耐湿负荷、温度冲击等车用测试要求  
Conforming the automotive test requirements  
高温耐久性/Endurance : 125°C/450V,2000h ; 150°C/310V,300h ;  
耐湿负荷/Damp heat test with loading: 85°C/85%RH/450Vdc , 1000 hours ;  
温度冲击/Temperature shock : -40°C $\longleftrightarrow$ 125°C 1000 cycles ;

#### 新产品的特征 Characteristics of the new products

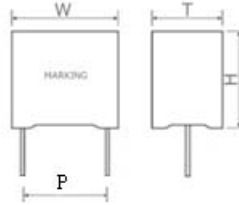
产品	Product	C3D	C95
材料	Material	OPP	High heat resistant thermoplastic resin
耐热性	Temperature	85°C~105°C	125°C~150°C
介电常数	$\epsilon_r$	2.1~2.2	>3.0

#### 技术参数 Specifications

额定电压	Rated Voltage ( $U_N$ )	450V							
电容量	Capacitance	10 $\mu$ F				15 $\mu$ F			
电容量偏差	Capacitance Tolerance	$\pm 5\%$ (J), $\pm 10\%$ (K)							
尺寸 (mm)	Dimensions(mm)	W	H	T	P	W	H	T	P
		32	29	19	27.5	32	37	22	27.5



## 外形尺寸 Dimensions Draft



## 特征曲线 Characteristic Curve

