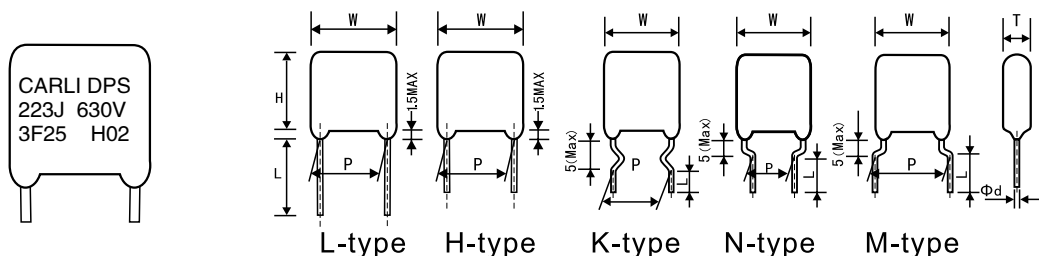


高壓串聯金屬化聚丙烯膜電容器 (浸漬型)  
High Voltage Series Metallized Polypropylene Film Capacitor (Dipped)



特點

- 金屬化聚丙烯膜，串聯結構
- 高頻損耗小
- 內部溫升低
- 阻燃環氧樹脂粉末塗裝

FEATURES:

- Metallized polypropylene film , non-inductive series wound construction
- Low loss at high frequency
- Small inherent temperature rise
- Flame retardent epoxy powder coating

典型應用

- 廣泛用於高頻，高壓，直流，交流和脈衝迴路中
- 電視機和顯示器S-校正電路

TYPE APPLICATION:

- Widely used in high frequency ,high voltage ,DC ,AC and pulse circuits
- S-correction circuits in TV sets and monitors

技術要求specifications

引用標準/Reference Standard	GB/T 10190 (IEC 60384-16)				
氣候類別/Climatic Category	40/105/56				
額定溫度/Rated Temperature	85°C				
工作溫度範圍 /Operating Temperature Range	-40°C -- +105°C. (+85°C~+105°C:derating factor 1.25%per°C for UR(dc)				
額定電壓/Rated voltage	630Vdc,800Vdc,1000Vdc,1200Vdc,1600Vdc,2000Vdc,2500Vdc				
容量範圍/Capacitance range	0.0047 μ F~0.33 μ F				
容差/Capacitance tolerance	± 5% (J), ± 10% (K)				
耐電壓/Voltage Proof	1.6 UR , 2s				
損失角/Dissipation factor	≤0.1% (1KHz at 20~25°C)				
絕緣阻抗/Insulation Resistance	≥ 50 000MΩ ,C <sub>R</sub> ≤ 0.33 μ F ≥ 15 000 s,C <sub>R</sub> > 0.33 μ F ,( at 100VDC, 1min ,20~25°C)				
最大脈衝爬升速率Maximum Pulse Rise Time(dV/dt): 若實際工作電壓U比額定電壓U <sub>R</sub> 低，電容器可工作在更高的dV/dt場合。這樣dV/dt允許值應為右表值乘U <sub>R</sub> /U。 If the working voltage (U) is lower than the rated voltage (U <sub>R</sub> ), the capacitor can be worked at a higher dV/dt.In thiscase,the maximum allowed dV/dt is obtain by multiplyingthe right value with U <sub>R</sub> /U.	U <sub>R</sub> (V)	dV/dt(V/ μ s)			
			P=10	P=15.0	P=22.5
	630/800	1200	900	400	200
	1000/1200	2200	2000	800	400
	1600	--	4500	1800	900
	2000	--	9500	4500	--
2500	--	10000	5000	--	

## 外形尺寸 Dimensions(mm)

630VDC						
CAP ( $\mu$ F)	DIMENSIONS 尺寸 (mm)					CARLI P/N
	W (Max mm)	H (Max mm)	T (Max mm)	d $\Phi$ ( $\pm 0.05$ mm)	P ( $\pm 1$ mm)	
0.001	13	9	6	0.6	10	DS102 * 2J10 ■●□□□○■ R
0.0012	13	9	6	0.6	10	DS122 * 2J10 ■●□□□○■ R
0.0015	13	9	6	0.6	10	DS152 * 2J10 ■●□□□○■ R
0.0018	13	9	6	0.6	10	DS182 * 2J10 ■●□□□○■ R
0.0022	13	9	6	0.6	10	DS222 * 2J10 ■●□□□○■ R
0.0027	13	9	6	0.6	10	DS272 * 2J10 ■●□□□○■ R
0.0033	13	9	6	0.6	10	DS332 * 2J10 ■●□□□○■ R
0.0039	13	11	7	0.6	10	DS392 * 2J10 ■●□□□○■ R
0.0047	13	11	7	0.6	10	DS472 * 2J10 ■●□□□○■ R
0.0056	13	11	7	0.6	10	DS562 * 2J10 ■●□□□○■ R
0.0068	13	11	7	0.6	10	DS682 * 2J10 ■●□□□○■ R
0.0082	13	11	7	0.6	10	DS822 * 2J10 ■●□□□○■ R
0.01	13	12	8	0.6	10	DS103 * 2J10 ■●□□□○■ R
0.012	13	12	8	0.6	10	DS123 * 2J10 ■●□□□○■ R
0.015	13	12.5	9	0.6	10	DS153 * 2J10 ■●□□□○■ R
0.018	13	12.5	9	0.6	10	DS183 * 2J10 ■●□□□○■ R
0.022	18	11	7	0.8	15	DS223 * 2J15 ■●□□□○■ R
0.027	18	11	7	0.8	15	DS273 * 2J15 ■●□□□○■ R
0.033	18	11	7	0.8	15	DS333 * 2J15 ■●□□□○■ R
0.039	18	12	8	0.8	15	DS393 * 2J15 ■●□□□○■ R
0.047	18	12	8	0.8	15	DS473 * 2J15 ■●□□□○■ R
0.056	18	13	8.5	0.8	15	DS563 * 2J15 ■●□□□○■ R
0.068	18	13.5	9.5	0.8	15	DS683 * 2J15 ■●□□□○■ R
0.082	18	14.5	10.5	0.8	15	DS823 * 2J15 ■●□□□○■ R
0.1	18	17	10.5	0.8	15	DS104 * 2J15 ■●□□□○■ R
0.12	18	16	12	0.8	15	DS124 * 2J15 ■●□□□○■ R
0.15	18	18.5	13	0.8	15	DS154 * 2J15 ■●□□□○■ R
0.18	18	18.5	13	0.8	15	DS184 * 2J15 ■●□□□○■ R
0.22	26	17	10.5	0.8	22.5	DS224 * 2J22 ■●□□□○■ R
0.27	26	19	12	0.8	22.5	DS274 * 2J22 ■●□□□○■ R
0.33	26	20	13	0.8	22.5	DS334 * 2J22 ■●□□□○■ R

800VDC						
CAP ( $\mu$ F)	DIMENSIONS 尺寸 (mm)					CARLI P/N
	W (Max mm)	H (Max mm)	T (Max mm)	d $\Phi$ ( $\pm 0.05$ mm)	P ( $\pm 1$ mm)	
0.001	13	9	6	0.6	10	DS102 * 2K10 ■●□□□○■ R
0.0012	13	9	6	0.6	10	DS122 * 2K10 ■●□□□○■ R
0.0015	13	9	6	0.6	10	DS152 * 2K10 ■●□□□○■ R
0.0018	13	9	6	0.6	10	DS182 * 2K10 ■●□□□○■ R
0.0022	13	9	6	0.6	10	DS222 * 2K10 ■●□□□○■ R
0.0027	13	9	6	0.6	10	DS272 * 2K10 ■●□□□○■ R
0.0033	13	9	6	0.6	10	DS332 * 2K10 ■●□□□○■ R
0.0039	13	11	7	0.6	10	DS392 * 2K10 ■●□□□○■ R
0.0047	13	11	7	0.6	10	DS472 * 2K10 ■●□□□○■ R
0.0056	13	11	7	0.6	10	DS562 * 2K10 ■●□□□○■ R
0.0068	13	12	8	0.6	10	DS682 * 2K10 ■●□□□○■ R
0.0082	13	12	8	0.6	10	DS822 * 2K10 ■●□□□○■ R
0.01	13	12.5	9	0.6	10	DS103 * 2K10 ■●□□□○■ R
0.012	18	11	7	0.8	15	DS123 * 2K15 ■●□□□○■ R
0.015	18	11	7	0.8	15	DS153 * 2K15 ■●□□□○■ R
0.018	18	11	7	0.8	15	DS183 * 2K15 ■●□□□○■ R
0.022	18	11	7	0.8	15	DS223 * 2K15 ■●□□□○■ R
0.027	18	12	8	0.8	15	DS273 * 2K15 ■●□□□○■ R
0.033	18	13	8.5	0.8	15	DS333 * 2K15 ■●□□□○■ R
0.039	18	13.5	9.5	0.8	15	DS393 * 2K15 ■●□□□○■ R
0.047	18	13.5	9.5	0.8	15	DS473 * 2K15 ■●□□□○■ R
0.056	18	14.5	10.5	0.8	15	DS563 * 2K15 ■●□□□○■ R
0.068	18	14.5	10.5	0.8	15	DS683 * 2K15 ■●□□□○■ R
0.082	18	16	12	0.8	15	DS823 * 2K15 ■●□□□○■ R
0.1	18	18.5	13	0.8	15	DS104 * 2K15 ■●□□□○■ R
0.12	18	18.5	13	0.8	15	DS124 * 2K15 ■●□□□○■ R
0.15	26	17	10.5	0.8	22.5	DS154 * 2K22 ■●□□□○■ R
0.18	26	19	12	0.8	22.5	DS184 * 2K22 ■●□□□○■ R
0.22	26	20	13	0.8	22.5	DS224 * 2K22 ■●□□□○■ R
0.27	26	21.5	14	0.8	22.5	DS274 * 2K22 ■●□□□○■ R

外形尺寸 Dimensions(mm)

1000VDC						
CAP ( $\mu$ F)	DIMENSIONS 尺寸 (mm)					CARLI P/N
	W (Max mm)	H (Max mm)	T (Max mm)	d $\Phi$ ( $\pm 0.05$ mm)	P ( $\pm 1$ mm)	
0.001	13	9	6	0.6	10	DS102 * 3A10 ■●□□□○■ R
0.0012	13	9	6	0.6	10	DS122 * 3A10 ■●□□□○■ R
0.0015	13	9	6	0.6	10	DS152 * 3A10 ■●□□□○■ R
0.0018	13	9	6	0.6	10	DS182 * 3A10 ■●□□□○■ R
0.0022	13	9	6	0.6	10	DS222 * 3A10 ■●□□□○■ R
0.0027	13	9	6	0.6	10	DS272 * 3A10 ■●□□□○■ R
0.0033	13	11	7	0.6	10	DS332 * 3A10 ■●□□□○■ R
0.0039	13	11	7	0.6	10	DS392 * 3A10 ■●□□□○■ R
0.0047	13	11	7	0.6	10	DS472 * 3A10 ■●□□□○■ R
0.0056	13	12	8	0.6	10	DS562 * 3A10 ■●□□□○■ R
0.0068	13	12	8	0.6	10	DS682 * 3A10 ■●□□□○■ R
0.0082	13	12.5	9	0.6	10	DS822 * 3A10 ■●□□□○■ R
0.01	18	11	7	0.8	15	DS103 * 3A15 ■●□□□○■ R
0.012	18	11	7	0.8	15	DS123 * 3A15 ■●□□□○■ R
0.015	18	11	7	0.8	15	DS153 * 3A15 ■●□□□○■ R
0.018	18	12	8	0.8	15	DS183 * 3A15 ■●□□□○■ R
0.022	18	12	8	0.8	15	DS223 * 3A15 ■●□□□○■ R
0.027	18	13	8.5	0.8	15	DS273 * 3A15 ■●□□□○■ R
0.033	18	13.5	9.5	0.8	15	DS333 * 3A15 ■●□□□○■ R
0.039	18	14.5	10.5	0.8	15	DS393 * 3A15 ■●□□□○■ R
0.047	18	14.5	10.5	0.8	15	DS473 * 3A15 ■●□□□○■ R
0.056	18	17	10.5	0.8	15	DS563 * 3A15 ■●□□□○■ R
0.068	18	16	12	0.8	15	DS683 * 3A15 ■●□□□○■ R
0.082	18	18.5	13	0.8	15	DS823 * 3A15 ■●□□□○■ R
0.1	26	17	10.5	0.8	22.5	DS104 * 3A22 ■●□□□○■ R
0.12	26	17	10.5	0.8	22.5	DS124 * 3A22 ■●□□□○■ R
0.15	26	19	12	0.8	22.5	DS154 * 3A22 ■●□□□○■ R
0.18	26	20	13	0.8	22.5	DS184 * 3A22 ■●□□□○■ R
0.22	26	21.5	14	0.8	22.5	DS224 * 3A22 ■●□□□○■ R

1200VDC/1250VDC#						
CAP ( $\mu$ F)	DIMENSIONS 尺寸 (mm)					CARLI P/N
	W (Max mm)	H (Max mm)	T (Max mm)	d $\Phi$ ( $\pm 0.05$ mm)	P ( $\pm 1$ mm)	
0.001	13	9	6	0.6	10	DS102 * 3B10 ■●□□□○■ R
0.0012	13	9	6	0.6	10	DS122 * 3B10 ■●□□□○■ R
0.0015	13	9	6	0.6	10	DS152 * 3B10 ■●□□□○■ R
0.0018	13	9	6	0.6	10	DS182 * 3B10 ■●□□□○■ R
0.0022	13	11	7	0.6	10	DS222 * 3B10 ■●□□□○■ R
0.0027	13	11	7	0.6	10	DS272 * 3B10 ■●□□□○■ R
0.0033	13	12	8	0.6	10	DS332 * 3B10 ■●□□□○■ R
0.0039	13	12	8	0.6	10	DS392 * 3B10 ■●□□□○■ R
0.0047	13	12	8	0.6	10	DS472 * 3B10 ■●□□□○■ R
0.0056	13	12.5	9	0.6	10	DS562 * 3B10 ■●□□□○■ R
0.0068	18	11	7	0.8	15	DS682 * 3B15 ■●□□□○■ R
0.0082	18	11	7	0.8	15	DS822 * 3B15 ■●□□□○■ R
0.01	18	11	7	0.8	15	DS103 * 3B15 ■●□□□○■ R
0.012	18	11	7	0.8	15	DS123 * 3B15 ■●□□□○■ R
0.015	18	12	8	0.8	15	DS153 * 3B15 ■●□□□○■ R
0.018	18	13	8.5	0.8	15	DS183 * 3B15 ■●□□□○■ R
0.022	18	13.5	9.5	0.8	15	DS223 * 3B15 ■●□□□○■ R
0.027	18	13.5	9.5	0.8	15	DS273 * 3B15 ■●□□□○■ R
0.033	18	14.5	10.5	0.8	15	DS333 * 3B15 ■●□□□○■ R
0.039	18	17	10.5	0.8	15	DS393 * 3B15 ■●□□□○■ R
0.047	18	16	12	0.8	15	DS473 * 3B15 ■●□□□○■ R
0.056	18	18.5	13	0.8	15	DS563 * 3B15 ■●□□□○■ R
0.068	26	17	10.5	0.8	22.5	DS683 * 3B22 ■●□□□○■ R
0.082	26	17	10.5	0.8	22.5	DS823 * 3B22 ■●□□□○■ R
0.1	26	19	12	0.8	22.5	DS104 * 3B22 ■●□□□○■ R
0.12	26	20	13	0.8	22.5	DS124 * 3B22 ■●□□□○■ R
0.15	26	21.5	14	0.8	22.5	DS154 * 3B22 ■●□□□○■ R

備注:

- "\*" 表示容量誤差。
  - "■"表示內部特徵碼。
  - "●" 表示引線加工形式代碼。
  - "□□□"表示引線長度代碼。
  - "○" 表示引線長度誤差代碼。
  - "R"=ROHS符合型;  
"H"=Halogen-Free無鹵型。
  - "#" "當額定電壓為1250Vdc時,第7~8位是3V
- "\*" =capacitance tolerance code, J=  $\pm 5\%$ , K=  $\pm 10\%$ , M=  $\pm 20\%$ .
  - "■"=Internal use.
  - "●"=Lead Form Code : "L","H","K","M","N".....
  - "□□□"=Lead Length Code : "270", "200", "035" .....
  - "○"=Lead Length Tolerance Code : " $\pm 0.3$ ", " $\pm 0.5$ ", " $\pm 1$ " .....
  - "R"=ROHS compliant.  
"H"=Halogen-Free compliant.
  - "#" "when the rated voltage is 1250Vdc ,the digit 7-8 is 3V .

1600VDC						
CAP ( $\mu$ F)	DIMENSIONS 尺寸 (mm)					CARLI P/N
	W (Max mm)	H (Max mm)	T (Max mm)	d $\Phi$ ( $\pm 0.05$ mm)	P ( $\pm 1$ mm)	
0.001	13	11	7	0.6	10	DS102 * 3C10 ■●□□□○■ R
0.0012	13	11	7	0.6	10	DS122 * 3C10 ■●□□□○■ R
0.0015	13	12	8	0.6	10	DS152 * 3C10 ■●□□□○■ R
0.0018	13	12	8	0.6	10	DS182 * 3C10 ■●□□□○■ R
0.0022	13	12.5	9	0.6	10	DS222 * 3C10 ■●□□□○■ R
0.0027	13	12.5	9	0.6	10	DS272 * 3C10 ■●□□□○■ R
0.0033	13	16	10	0.6	10	DS332 * 3C10 ■●□□□○■ R
0.0039	18	11	7	0.8	15	DS392 * 3C15 ■●□□□○■ R
0.0047	18	11	7	0.8	15	DS472 * 3C15 ■●□□□○■ R
0.0056	18	12	8	0.8	15	DS562 * 3C15 ■●□□□○■ R
0.0068	18	12	8	0.8	15	DS682 * 3C15 ■●□□□○■ R
0.0082	18	12	8	0.8	15	DS822 * 3C15 ■●□□□○■ R
0.01	18	13.5	9.5	0.8	15	DS103 * 3C15 ■●□□□○■ R
0.012	18	14.5	10.5	0.8	15	DS123 * 3C15 ■●□□□○■ R
0.015	18	14.5	10.5	0.8	15	DS153 * 3C15 ■●□□□○■ R
0.018	18	17	10.5	0.8	15	DS183 * 3C15 ■●□□□○■ R
0.022	18	16	12	0.8	15	DS223 * 3C15 ■●□□□○■ R
0.027	18	18.5	13	0.8	15	DS273 * 3C15 ■●□□□○■ R
0.033	26	17	10.5	0.8	22.5	DS333 * 3C22 ■●□□□○■ R
0.039	26	19	12	0.8	22.5	DS393 * 3C22 ■●□□□○■ R
0.047	26	19	12	0.8	22.5	DS473 * 3C22 ■●□□□○■ R
0.056	26	20	13	0.8	22.5	DS563 * 3C22 ■●□□□○■ R
0.068	26	21.5	14	0.8	22.5	DS683 * 3C22 ■●□□□○■ R
0.082	26	25	18.5	0.8	22.5	DS823 * 3C22 ■●□□□○■ R
0.1	26	25	18.5	0.8	22.5	DS104 * 3C22 ■●□□□○■ R

2000VDC						
CAP ( $\mu$ F)	DIMENSIONS 尺寸 (mm)					CARLI P/N
	W (Max mm)	H (Max mm)	T (Max mm)	d $\Phi$ ( $\pm 0.05$ mm)	P ( $\pm 1$ mm)	
0.0012	18	11	7	0.8	15	DS122 * 3D15 ■●□□□○■ R
0.0015	18	11	7	0.8	15	DS152 * 3D15 ■●□□□○■ R
0.0018	18	11	7	0.8	15	DS182 * 3D15 ■●□□□○■ R
0.0022	18	11	7	0.8	15	DS222 * 3D15 ■●□□□○■ R
0.0027	18	11	7	0.8	15	DS272 * 3D15 ■●□□□○■ R
0.0033	18	12	8	0.8	15	DS332 * 3D15 ■●□□□○■ R
0.0039	18	12	8	0.8	15	DS392 * 3D15 ■●□□□○■ R
0.0047	18	13	8.5	0.8	15	DS472 * 3D15 ■●□□□○■ R
0.0056	18	13.5	9.5	0.8	15	DS562 * 3D15 ■●□□□○■ R
0.0068	18	14.5	10.5	0.8	15	DS682 * 3D15 ■●□□□○■ R
0.0082	18	17	10.5	0.8	15	DS822 * 3D15 ■●□□□○■ R
0.01	18	16	12	0.8	15	DS103 * 3D15 ■●□□□○■ R
0.012	18	18.5	13	0.8	15	DS123 * 3D15 ■●□□□○■ R
0.015	18	18.5	13	0.8	15	DS153 * 3D15 ■●□□□○■ R
0.018	26	17	10.5	0.8	22.5	DS183 * 3D22 ■●□□□○■ R
0.022	26	19	12	0.8	22.5	DS223 * 3D22 ■●□□□○■ R
0.027	26	20	13	0.8	22.5	DS273 * 3D22 ■●□□□○■ R
0.033	26	21.5	14	0.8	22.5	DS333 * 3D22 ■●□□□○■ R
0.039	26	21.5	14	0.8	22.5	DS393 * 3D22 ■●□□□○■ R

2500VDC						
CAP ( $\mu$ F)	DIMENSIONS 尺寸 (mm)					CARLI P/N
	W (Max mm)	H (Max mm)	T (Max mm)	d $\Phi$ ( $\pm 0.05$ mm)	P ( $\pm 1$ mm)	
0.0012	18	11	7	0.8	15	DS122 * 3E15 ■●□□□○■ R
0.0015	18	11	7	0.8	15	DS152 * 3E15 ■●□□□○■ R
0.0018	18	11	7	0.8	15	DS182 * 3E15 ■●□□□○■ R
0.0022	18	12	8	0.8	15	DS222 * 3E15 ■●□□□○■ R
0.0027	18	12	8	0.8	15	DS272 * 3E15 ■●□□□○■ R
0.0033	18	13.5	9.5	0.8	15	DS332 * 3E15 ■●□□□○■ R
0.0039	18	13.5	9.5	0.8	15	DS392 * 3E15 ■●□□□○■ R
0.0047	18	14.5	10.5	0.8	15	DS472 * 3E15 ■●□□□○■ R
0.0056	18	17	10.5	0.8	15	DS562 * 3E15 ■●□□□○■ R
0.0068	18	17	10.5	0.8	15	DS682 * 3E15 ■●□□□○■ R
0.0082	18	18.5	13	0.8	15	DS822 * 3E15 ■●□□□○■ R
0.01	18	18.5	13	0.8	15	DS103 * 3E15 ■●□□□○■ R
0.012	26	17	10.5	0.8	22.5	DS123 * 3E22 ■●□□□○■ R
0.015	26	19	12	0.8	22.5	DS153 * 3E22 ■●□□□○■ R
0.018	26	19	12	0.8	22.5	DS183 * 3E22 ■●□□□○■ R
0.022	26	20	13	0.8	22.5	DS223 * 3E22 ■●□□□○■ R
0.027	26	21.5	14	0.8	22.5	DS273 * 3E22 ■●□□□○■ R