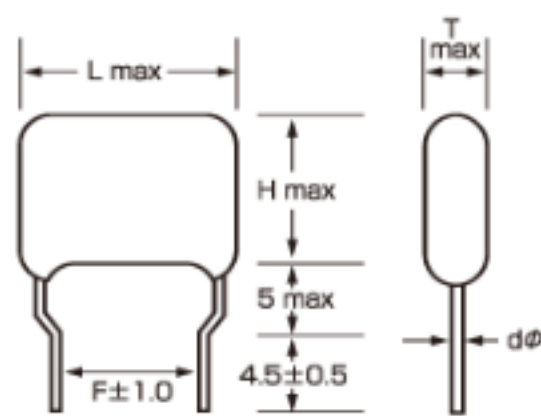


HEAT PROOF, HIGH VOLTAGE AND HIGH CURRENT RESONANCE



FLS (441)

MPP Metallized Polypropylene

CHARACTERISTICS

- High temperature proof PP film used to expand temperature range. - 40 to 110°C (Can be used max 125°C by rated voltage derating)
- Higher Current flows are available by electrode resistance reduction design.
- High cost performance are achieved by compact sized, and high temperature resistance.

APPLICATIONS

- Electronic Ballast
- Resonance Switching power supply (CTV PDP LCDTV etc.)

ELECTRIC CHARACTERISTICS

Operation Temperature	- 40°C ~ 110°C (Can be used max 125°C by rated voltage derating)
Range Voltage	800HP (800Vp-p) • 1000HP (1000Vp-p) 1250HP (1250Vp-p) • 1500HP (1500Vp-p) 1800HP (1800Vp-p)
Capacitance range	0.001μF ~ 0.1μF
Capacitance tolerance	±2% (G) ±3% (H)
Dissipation factor	≅ 0.08% (at 1kHz 20°C)
Withstand Voltage	Rated voltage × 175% (1 ~ 5sec)
Dielectric strength	30,000MΩ ≅ (at 20°C)

FLS(441) Rated Voltage Capacitance Tolerance Lead Style

Capacity(μF)	DIMENSIONS(mm) 800HP					DIMENSIONS(mm) 1000HP					DIMENSIONS(mm) 1250HP				
	L	H	T	F	d	L	H	T	F	d	L	H	T	F	d
102 (0.001)	14.0	11.5	6.5	7.5	0.8	18.0	10.0	6.0	7.5	0.8	18.0	10.5	6.0	7.5	0.8
112 (0.0011)	14.0	11.5	6.5	7.5	0.8	18.0	10.5	6.0	7.5	0.8	18.0	11.0	6.0	7.5	0.8
122 (0.0012)	14.0	11.5	6.5	7.5	0.8	18.0	10.5	6.0	7.5	0.8	18.0	11.0	6.0	7.5	0.8
132 (0.0013)	14.0	11.5	6.5	7.5	0.8	18.0	10.5	6.0	7.5	0.8	18.0	11.0	6.0	7.5	0.8
152 (0.0015)	14.0	11.5	6.5	7.5	0.8	18.0	11.0	6.5	7.5	0.8	18.0	11.0	6.5	7.5	0.8
162 (0.0016)	14.0	11.5	6.5	7.5	0.8	18.0	11.0	6.5	7.5	0.8	18.0	11.0	6.5	7.5	0.8
182 (0.0018)	14.0	11.5	6.5	7.5	0.8	18.0	11.0	7.0	7.5	0.8	18.0	11.0	7.0	7.5	0.8
202 (0.002)	14.0	11.5	6.5	7.5	0.8	18.0	11.0	7.0	7.5	0.8	18.0	11.0	7.0	7.5	0.8
222 (0.0022)	14.0	11.5	6.5	7.5	0.8	18.0	11.0	7.5	7.5	0.8	18.0	11.0	7.5	7.5	0.8
242 (0.0027)	14.0	11.5	6.5	7.5	0.8	18.0	11.0	7.5	7.5	0.8	18.0	11.0	7.5	7.5	0.8
272 (0.0027)	14.0	11.5	6.5	7.5	0.8	18.0	10.0	6.0	7.5	0.8	18.0	10.5	6.0	7.5	0.8
302 (0.003)	14.0	11.5	6.5	7.5	0.8	18.0	10.5	6.0	7.5	0.8	18.0	11.0	6.0	7.5	0.8
332 (0.0033)	14.0	11.5	6.5	7.5	0.8	18.0	10.0	6.0	7.5	0.8	18.0	11.0	6.5	7.5	0.8
362 (0.0036)	14.0	11.5	6.5	7.5	0.8	18.0	10.5	6.0	7.5	0.8	18.0	11.0	7.0	7.5	0.8
392 (0.0039)	14.0	11.5	6.5	7.5	0.8	18.0	10.5	6.0	7.5	0.8	18.0	12.0	6.5	7.5	0.8
432 (0.0043)	14.0	11.5	6.5	7.5	0.8	18.0	11.0	6.0	7.5	0.8	18.0	12.0	7.0	7.5	0.8
472 (0.0047)	14.0	11.5	6.5	7.5	0.8	18.0	11.0	6.0	7.5	0.8	18.0	12.5	7.0	7.5	0.8
512 (0.0051)	14.0	11.5	6.5	7.5	0.8	18.0	11.0	6.0	7.5	0.8	18.0	12.5	7.5	7.5	0.8
562 (0.0056)	14.0	11.5	6.5	7.5	0.8	18.0	10.5	6.0	7.5	0.8	18.0	13.0	7.5	7.5	0.8
622 (0.0062)	14.0	11.5	6.5	7.5	0.8	18.0	10.5	6.0	7.5	0.8	18.0	13.5	8.0	7.5	0.8
682 (0.0068)	14.0	11.5	6.5	7.5	0.8	18.0	10.5	6.0	7.5	0.8	18.0	13.5	8.5	7.5	0.8
752 (0.0075)	14.0	11.5	6.5	7.5	0.8	18.0	11.5	6.0	7.5	0.8	18.0	14.0	8.5	7.5	0.8
822 (0.0082)	14.0	12.0	6.5	7.5	0.8	18.0	12.0	6.5	7.5	0.8	18.0	14.5	9.0	7.5	0.8
912 (0.0091)	14.0	12.0	6.5	7.5	0.8	18.0	12.5	7.0	7.5	0.8	18.0	15.0	9.5	7.5	0.8
103 (0.01)	16.0	11.5	6.5	7.5	0.8	18.0	12.5	7.0	7.5	0.8	23.0	13.0	7.5	7.5	0.8
113 (0.011)	16.0	11.5	6.5	7.5	0.8	18.0	13.0	7.5	7.5	0.8	23.0	13.5	8.0	7.5	0.8
123 (0.012)	16.0	12.0	6.5	7.5	0.8	18.0	13.0	7.5	7.5	0.8	23.0	14.0	8.5	7.5	0.8
133 (0.013)	16.0	12.0	7.0	7.5	0.8	18.0	13.5	8.0	7.5	0.8	23.0	14.0	8.5	7.5	0.8
153 (0.015)	16.0	12.0	7.0	7.5	0.8	18.0	14.0	7.0	7.5	0.8	23.0	15.0	9.5	7.5	0.8
163 (0.016)	16.0	12.5	7.5	7.5	0.8	18.0	14.0	7.5	7.5	0.8					
183 (0.018)	16.0	13.0	8.0	7.5	0.8	18.0	14.0	7.5	7.5	0.8					
203 (0.02)	16.0	13.5	8.0	7.5	0.8	18.0	14.0	8.0	7.5	0.8					
223 (0.022)	16.0	14.5	8.0	7.5	0.8	18.0	14.0	8.5	7.5	0.8					
243 (0.024)	16.0	15.0	8.5	7.5	0.8	18.0	14.0	8.5	7.5	0.8					
273 (0.027)	16.0	15.5	8.5	7.5	0.8	18.0	14.5	9.0	7.5	0.8					
303 (0.03)	16.0	16.0	9.0	7.5	0.8	18.0	14.5	9.5	7.5	0.8					
333 (0.033)	16.0	16.5	9.5	7.5	0.8	18.0	15.0	10.0	7.5	0.8					
363 (0.036)	16.0	17.0	10.0	7.5	0.8	18.0	15.5	10.5	7.5	0.8					
393 (0.039)	16.0	17.0	10.5	7.5	0.8	18.0	16.0	10.5	7.5	0.8					
433 (0.043)	20.0	15.5	9.0	7.5	0.8	18.0	16.5	11.0	7.5	0.8					
473 (0.047)	20.0	16.0	9.0	7.5	0.8	18.0	17.0	11.5	7.5	0.8					
513 (0.051)	20.0	16.5	9.5	7.5	0.8	18.0	17.5	12.0	7.5	0.8					
563 (0.056)	20.0	16.5	10.0	7.5	0.8	18.0	18.0	12.5	7.5	0.8					
623 (0.062)	20.0	17.0	10.5	7.5	0.8										
683 (0.068)	20.0	17.5	11.0	7.5	0.8										
753 (0.075)	20.0	18.0	11.5	7.5	0.8										
823 (0.082)	20.0	18.5	12.0	7.5	0.8										
913 (0.091)	20.0	19.5	12.5	7.5	0.8										
104 (0.1)	20.0	20.0	13.0	7.5	0.8										

Capacity(μF)	DIMENSIONS(mm) 1500HP					DIMENSIONS(mm) 1800HP				
	L	H	T	F	d	L	H	T	F	d
102 (0.001)	18.0	11.0	6.0	7.5	0.8	23.0	12.0	7.0	15.0	0.8
112 (0.0011)	18.0	11.0	6.0	7.5	0.8	23.0	12.5	7.0	15.0	0.8
122 (0.0012)	18.0	11.0	6.0	7.5	0.8	23.0	12.5	7.5	15.0	0.8
132 (0.0013)	18.0	11.0	6.0	7.5	0.8	23.0	13.0	7.5	15.0	0.8
152 (0.0015)	18.0	11.5	6.0	7.5	0.8	23.0	13.0	8.0	15.0	0.8
162 (0.0016)	18.0	11.5	6.0	7.5	0.8	23.0	13.5	8.0	15.0	0.8
182 (0.0018)	18.0	11.5	6.5	7.5	0.8	23.0	14.5	8.0	15.0	0.8
202 (0.002)	18.0	12.0	6.5	7.5	0.8	23.0	15.0	8.0	15.0	0.8
222 (0.0022)	18.0	12.5	7.0	7.5	0.8	23.0	15.5	8.5	15.0	0.8
242 (0.0027)	18.0	12.5	7.0	7.5	0.8	23.0	15.5	9.0	15.0	0.8
272 (0.0027)	18.0	13.0	7.5	7.5	0.8	23.0	16.0	9.0	15.0	0.8
302 (0.003)	18.0	13.5	8.0	7.5	0.8	23.0	16.5	9.5	15.0	0.8
332 (0.0033)	23.0	11.5	6.5	7.5	0.8	23.0	16.0	9.0	15.0	0.8
362 (0.0036)	23.0	12.0	6.5	7.5	0.8	23.0	16.0	9.5	15.0	0.8
392 (0.0039)	23.0	12.0	6.5	7.5	0.8	23.0	16.5	9.5	15.0	0.8
432 (0.0043)	23.0	12.5	7.0	7.5	0.8	23.0	17.0	10.0	15.0	0.8
472 (0.0047)	23.0	12.5	7.5	7.5	0.8	23.0	17.5	10.5	15.0	0.8
512 (0.0051)	23.0	13.0	7.5	7.5	0.8	23.0	17.5	11.0	15.0	0.8
562 (0.0056)	23.0	13.0	8.0	7.5	0.8	23.0	18.0	11.5	15.0	0.8
622 (0.0062)	23.0	13.5	8.0	7.5	0.8	23.0	19.5	11.0	15.0	0.8
682 (0.0068)	23.0	14.0	8.5	7.5	0.8	23.0	20.0	11.5	15.0	0.8
752 (0.0075)	23.0	14.5	9.0	7.5	0.8	23.0	20.5	12.0	15.0	0.8
822 (0.0082)	23.0	15.0	9.5	7.5	0.8	23.0	21.0	12.5	15.0	0.8
912 (0.0091)	23.0	15.5	10.0	7.5	0.8	23.0	21.5	13.5	15.0	0.8
103 (0.01)	23.0	16.5	9.5	7.5	0.8	28.0	20.5	12.0	15.0	0.8
113 (0.011)	23.0	17.0	10.0	7.5	0.8	28.0	20.5	12.0	15.0	0.8
123 (0.012)	23.0	17.5	10.5	7.5	0.8	28.0	21.5	13.0	15.0	0.8
133 (0.013)	23.0	18.0	11.0	7.5	0.8	28.0	22.0	13.5	15.0	0.8
153 (0.015)	23.0	19.0	11.5	7.5	0.8	28.0	23.0	14.5	15.0	0.8
163 (0.016)						28.0	23.5	15.0	15.0	0.8
183 (0.018)						28.0	24.0	16.0	15.0	0.8