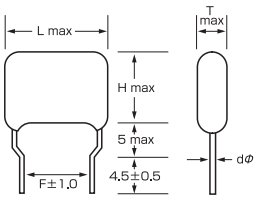
高耐熱、高電圧、高周波共振回路用コンデンサ
HEAT PROOF,HIGH VOLTAGE AND HIGH CURRENT RESONANCE

FLS
(441)

メタライズドポリプロピレン
METALLIZED POLYPROPYLENE



特　徴

- ●耐熱性向上PPフィルムを採用し、使用温度範囲を拡大－40～110℃(電圧軽減により125℃まで使用可能)
- ●電極抵抗軽減設計により、大電流化を実現
- ●小型、高耐熱化対応により、コストパフォーマンスを向上

用　途

- ●インバータ照明回路
- ●共振型SW電源(CTV　PDP　LCDTV、その他)

電気特性

使用温度範囲	－40℃～110℃(電圧軽減により125℃まで使用可能)
定格電圧	800HP (800Vp-p)・1000HP (1000Vp-p) 1250HP (1250Vp-p)・1500HP (1500Vp-p)
静電容量範囲	1800HP (1800Vp-p)
静電容量許容差	0.001μF～0.1μF
誘電正接	±2% (G)　±3% (H)
耐電圧	≦0.08% (at 1kHz 20℃)
絶縁抵抗	定格電圧×175% (1～5秒)

CHARACTERISTICS

- ●High temperature proof PP film used to expand temperature range.
  －40 to 110℃(Can be used max 125℃ 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℃～110℃ (Can be used max 125℃ 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℃)
Withstand Voltage	Rated voltage×175% (1～5sec)
Dielectric strength	30,000MΩ≦ (at 20℃)

FLS (441) □□□□HP □□□ □ □□
定格電圧 Rated Voltage　静電容量 Capacitance　許容差 Tolerance　リード形状 Lead Style

Capacity (μF)	DIMENSIONS (mm) 800HP					DIMENSIONS (mm) 1000HP					DIMENSIONS (mm) 1250HP					DIMENSIONS (mm) 1500HP					DIMENSIONS (mm) 1800HP				
	L	H	T	F	d	L	H	T	F	d	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	18.0	11.0	6.0	7.5	0.8	23.0	12.0	7.0	15.0	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	18.0	11.0	6.0	7.5	0.8	23.0	12.5	7.0	15.0	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	18.0	11.0	6.0	7.5	0.8	23.0	12.5	7.5	15.0	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	18.0	11.0	6.0	7.5	0.8	23.0	13.0	7.5	15.0	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	18.0	11.5	6.0	7.5	0.8	23.0	13.0	8.0	15.0	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	18.0	11.5	6.0	7.5	0.8	23.0	13.5	8.0	15.0	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	18.0	11.5	6.5	7.5	0.8	23.0	14.5	8.0	15.0	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	18.0	12.0	6.5	7.5	0.8	23.0	15.0	8.0	15.0	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	18.0	12.5	7.0	7.5	0.8	23.0	15.5	8.5	15.0	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	18.0	12.5	7.0	7.5	0.8	23.0	15.5	9.0	15.0	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	18.0	13.0	7.5	7.5	0.8	23.0	16.0	9.0	15.0	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	18.0	13.5	8.0	7.5	0.8	23.0	16.5	9.5	15.0	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	23.0	11.5	6.5	7.5	0.8	23.0	16.0	9.0	15.0	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	23.0	12.0	6.5	7.5	0.8	23.0	16.0	9.5	15.0	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	23.0	12.0	6.5	7.5	0.8	23.0	16.5	9.5	15.0	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	23.0	12.5	7.0	7.5	0.8	23.0	17.0	10.0	15.0	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	23.0	12.5	7.5	7.5	0.8	23.0	17.5	10.5	15.0	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	23.0	13.0	7.5	7.5	0.8	23.0	17.5	11.0	15.0	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	23.0	13.0	8.0	7.5	0.8	23.0	18.0	11.5	15.0	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	23.0	13.5	8.0	7.5	0.8	23.0	19.5	11.0	15.0	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	23.0	14.0	8.5	7.5	0.8	23.0	20.0	11.5	15.0	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	23.0	14.5	9.0	7.5	0.8	23.0	20.5	12.0	15.0	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	23.0	15.0	9.5	7.5	0.8	23.0	21.0	12.5	15.0	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	23.0	15.5	10.0	7.5	0.8	23.0	21.5	13.5	15.0	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	23.0	16.5	9.5	7.5	0.8	28.0	20.5	12.0	15.0	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	23.0	17.0	10.0	7.5	0.8	28.0	20.5	12.0	15.0	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	23.0	17.5	10.5	7.5	0.8	28.0	21.5	13.0	15.0	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	23.0	18.0	11.0	7.5	0.8	28.0	22.0	13.5	15.0	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	23.0	19.0	11.5	7.5	0.8	28.0	23.0	14.5	15.0	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											28.0	23.5	15.0	15.0	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											28.0	24.0	16.0	15.0	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															
383 (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																				