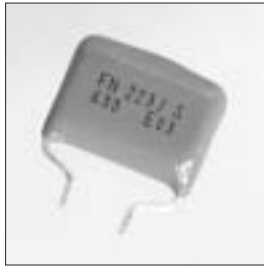
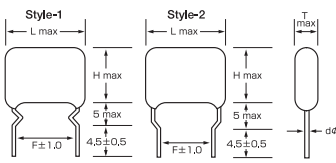


一般回路用、SW電源用コンデンサ  
GENERAL PURPOSE, SWITCHING POWER SUPPLY



**FNS**  
(135)

ポリプロピレン  
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)
- 周波数特性が良好。
- 低損失。

用途

- 一般回路
- 共振型SW電源(CTV PDP LCDTV、その他)
- オーディオ機器(ビュアンプ、AVアンプ、DVD、CD、楽器)

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 100VDC・200VDC・400VDC・630VDC  
 静電容量範囲 0.0003μF~0.47μF  
 静電容量許容差 ±2%(G) ±3%(H) ±5%(J)  
 誘電正接 ≤0.08%(at 1kHz 20℃)  
 耐電圧 定格電圧×175%(1~5秒)  
 絶縁抵抗 30,000MΩ ≤ (≤0.33μF at 20℃)  
 10,000MΩ μF ≤ (0.33μF < at 20℃)

CHARACTERISTICS

- High temperature proof PP film used to expand temperature range.  
-40 to 110℃ (Can be used max 125℃ by rated voltage derating)
- Excellent frequency characteristics.
- Low Dissipation Factor.

APPLICATIONS

- General purpose
- Resonance Switching power supply (CTV PDP LCDTV etc.)
- Audio & visual equipment (Pure Amp, AV Amp, DVD, CD, Music Instrument)

ELECTRIC CHARACTERISTICS

Operation Temperature -40℃~110℃ (Can be used max 125℃ by rated voltage derating)  
 Range Voltage 100VDC・200VDC・400VDC・630VDC  
 Capacitance range 0.0003μF~0.47μF  
 Capacitance tolerance ±2%(G) ±3%(H) ±5%(J)  
 Dissipation factor  
 Withstand voltage ≤0.08%(at 1kHz 20℃)  
 Dielectric strength Rated voltage×175%(1~5sec)  
 30,000MΩ ≤ (≤0.33μF at 20℃)

FNS(135)    VDC

Capacity (μF)	DIMENSIONS (mm) 100VDC							DIMENSIONS (mm) 200VDC							DIMENSIONS (mm) 400VDC							DIMENSIONS (mm) 630VDC									
	L	H	T	F	d	Style		L	H	T	F	d	Style		L	H	T	F	d	Style		L	H	T	F	d	Style				
301 (0.0003)	10.5	9.0	6.0	5.0	0.6	1																									
331 (0.00033)	10.5	9.0	6.0	5.0	0.6	1																									
361 (0.00036)	10.5	9.5	6.0	5.0	0.6	1																									
391 (0.00039)	10.5	9.5	6.0	5.0	0.6	1																									
431 (0.00043)	11.0	9.0	6.0	5.0	0.6	1																									
471 (0.00047)	11.0	9.5	6.0	5.0	0.6	1																									
511 (0.00051)	11.0	9.0	6.0	5.0	0.6	1																									
561 (0.00056)	11.0	9.5	6.0	5.0	0.6	1																									
621 (0.00062)	11.0	10.0	6.0	5.0	0.6	1																									
681 (0.00068)	11.0	9.0	6.0	5.0	0.6	1																									
751 (0.00075)	11.0	9.5	6.0	5.0	0.6	1																									
821 (0.00082)	11.0	9.5	6.0	5.0	0.6	1																									
911 (0.00091)	11.0	10.0	6.0	5.0	0.6	1																									
102 (0.001)	10.0	9.5	6.0	5.0	0.6	1	13.5						1	13.5	10.0	6.0	10.0	0.7	1	13.5	9.5	6.0	10.0	0.7	1	13.5	9.5	6.0	10.0	0.7	1
112 (0.0011)	10.0	9.5	6.0	5.0	0.6	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	
122 (0.0012)	10.0	9.5	6.0	5.0	0.6	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	
132 (0.0013)	10.0	9.5	6.0	5.0	0.6	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	
152 (0.0015)	10.0	9.5	6.0	5.0	0.6	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	
162 (0.0016)	10.0	9.5	6.0	5.0	0.6	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	
182 (0.0018)	10.0	9.5	6.0	5.0	0.6	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	
202 (0.002)	10.0	10.0	6.0	5.0	0.6	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	
222 (0.0022)	10.0	10.0	6.0	5.0	0.6	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	
242 (0.0024)	10.0	9.5	6.0	5.0	0.6	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	
272 (0.0027)	10.0	10.0	6.0	5.0	0.6	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	
302 (0.003)	10.0	10.0	6.0	5.0	0.6	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	
332 (0.0033)	10.0	10.0	6.0	5.0	0.6	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	
362 (0.0036)	10.0	10.0	6.0	5.0	0.6	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	
392 (0.0039)	10.0	10.0	6.0	5.0	0.6	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	
432 (0.0043)	10.0	9.5	6.0	5.0	0.6	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	
472 (0.0047)	10.0	10.0	6.0	5.0	0.6	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	
512 (0.0051)	10.0	10.0	6.0	5.0	0.6	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	
562 (0.0056)	10.0	10.0	6.0	5.0	0.6	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	
622 (0.0062)	10.0	9.5	6.0	5.0	0.6	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	
682 (0.0068)	10.0	10.0	6.0	5.0	0.6	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	
752 (0.0075)	10.0	10.0	6.0	5.0	0.6	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	2	
822 (0.0082)	10.0	10.0	6.0	5.0	0.6	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	2	
912 (0.0091)	10.0	9.5	6.0	5.0	0.6	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	2	
103 (0.01)	10.0	10.0	6.0	5.0	0.6	1	13.5	9.5	6.0	10.0	0.7	1	13.5	10.0	6.5	10.0	0.7	1	13.5	10.0	6.5	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	2	
113 (0.011)	10.0	10.0	6.0	5.0	0.6	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.5	6.5	10.0	0.7	1	13.5	10.5	6.5	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	2	
123 (0.012)	10.0	10.0	6.0	5.0	0.6	1	13.5	10.0	6.0	10.0	0.7	1	13.5	10.5	7.0	10.0	0.7	1	13.5	10.5	7.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	2	
133 (0.013)	10.0	10.5	6.0	5.0	0.6	1	13.5	10.0	6.5	10.0	0.7	1	13.5	11.0	7.0	10.0	0.7	1	13.5	11.0	7.0	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	
153 (0.015)	10.0	10.5	6.0	5.0	0.6	1	13.5	10.0	6.5	10.0	0.7	1	13.5	11.0	7.5	10.0	0.7	1	13.5	11.0	7.5	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	
163 (0.016)	10.0	10.0	6.0	5.0	0.6	1	13.5	10.0	6.0	10.0	0.7	1	13.5	11.5	7.5	10.0	0.7	1	13.5	11.5	7.5	10.0	0.7	1	13.5	10.0	6.0	10.0	0.7	1	
183 (0.018)	10.0	10.5	6.0	5.0	0.6	1	13.5	9.5	6.0	10.0	0.7	1	13.5	11.0	6.0	10.0	0.7	2	13.5	11.0	6.0	10.0	0.7	2	13.5	10.0	6.0	10.0	0.7	1	
203 (0.02)	10.0	10.5	6.0	5.0	0.6	1	13.5	10.0	6.0	10.0	0.7	1	13.5	11.0	6.0	10.0	0.7	2	13.5	11.0	6.0	10.0	0.7	2	13.5	10.0	6.0	10.0	0.7	1	
223 (0.022)	10.0	11.0	6.5	5.0	0.6	1	13.5	10.0	6.0	10.0	0.7	1	13.5	11.5	6.0	10.0															

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