

### 特徴/Features

- スナバ回路、小ワット共振回路に最適です。
- 外装樹脂はエポキシ樹脂でディップされ、耐湿性、耐溶剤性に優れています。
- 容量の温度特性は負の特性を示します。
- 誘電正接が極めて小さく、容量の経時変化も小さい製品です。

- ★Suitable for snubber circuits, small watts resonant circuits.
- ★Protected against moisture and solvent through our original epoxy resin vacuum impregnation.
- ★Temperature characteristic of capacitance is negative.
- ★Tangent of loss angle is very low, with an excellent long stability.

### 規格/Specifications

使用温度範囲 Temp. range	-40~+85°C	絶縁抵抗 Insulation resistance	30000MΩ 以上 or more
定格電圧 Rated voltage	100V, 250V, 400Vdc	高温負荷 Endurance	85°C、WV×140% 1000h印加 ΔC/C ±3% <sub>許容</sub> in tan δ C ≤ 0.10μF 0.0011 <sub>許容</sub> T <sub>ess</sub> C > 0.10μF 0.0013 <sub>許容</sub> T <sub>ess</sub>
静電容量範囲 Capacitance	100V 0.00010~0.22μF, 250V 0.00010~0.010μF 400V 0.0010~0.010μF	耐湿負荷 Damp heat	40°C、90~95%RH、WV 1000h印加 ΔC/C ±3% <sub>許容</sub> in tan δ C ≤ 0.10μF 0.0012 <sub>許容</sub> T <sub>ess</sub> C > 0.10μF 0.0014 <sub>許容</sub> T <sub>ess</sub>
静電容量許容差 Cap. tolerance	100V ±1%(F), ±2%(G), ±5%(J), ±10%(K) 250V, 400V ±5%(J), ±10%(K)		
誘電正接 Tangent of loss angle	C ≤ 0.10μF 0.0010 <sub>許容</sub> T <sub>ess</sub> C > 0.10μF 0.0012 <sub>許容</sub> T <sub>ess</sub> (at 1kHz)		IR 15,000MΩ <sub>許容</sub> more IR 10,000MΩ <sub>許容</sub> more

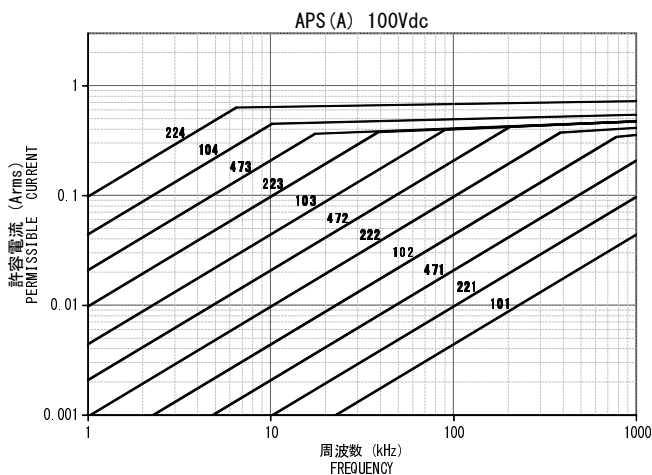
形状 Style	ストレートリード Straight lead type		フォーミング Formed lead type		
	W <sub>Max</sub> H <sub>Max</sub> P ± 0.5 φ d ± 0.05	T <sub>Max</sub> H <sub>Max</sub>	5.0 <sub>Max</sub> 5.0 ± 0.5 F ± 0.5	5.0 <sub>Max</sub> 5.0 ± 0.5 F ± 0.5	3.5 <sub>Max</sub> 5.0 ± 0.5 F ± 0.5
Cap.範囲	100Vdc	101~224	123~124	134~224	101~113
Cap. range	250Vdc	101~103	—	—	101~103
	400Vdc	102~103	102~103	—	—

### 寸法/Dimensions (mm)

Cap CODE	Cap (μF)	APS (A) 100Vdc						基準収納数 NUMBER OF PIECES FOR PACKING UNIT				
		W	H	T	P	F	φ d	テーピング Taping	ロング Long	フォーミング Formed	Bag	Box
101	0.00010	6.0	9.0	4.0	3.5	5.0	0.5	2,000	200	3,000	200	5,000
121	0.00012	6.0	9.0	4.0	3.5	5.0	0.5	2,000	200	3,000	200	5,000
151	0.00015	6.0	9.0	4.0	3.5	5.0	0.5	2,000	200	3,000	200	5,000
181	0.00018	6.0	9.0	4.0	3.5	5.0	0.5	2,000	200	3,000	200	5,000
221	0.00022	6.0	8.5	3.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000
271	0.00027	6.0	8.5	3.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000
331	0.00033	6.0	8.5	3.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000
391	0.00039	6.0	8.5	3.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000
471	0.00047	6.0	8.5	3.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000
561	0.00056	6.0	8.5	3.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000
681	0.00068	6.0	8.5	3.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000
821	0.00082	6.0	8.5	3.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000
102	0.0010	6.0	8.5	3.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000
122	0.0012	6.0	8.5	3.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000
152	0.0015	6.0	8.5	3.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000
182	0.0018	6.0	8.5	3.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000
222	0.0022	6.0	8.5	3.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000
272	0.0027	6.0	8.5	3.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000
332	0.0033	6.0	8.5	3.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000
392	0.0039	6.0	8.5	3.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000
472	0.0047	6.0	8.5	3.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000
562	0.0056	6.0	8.5	3.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000
682	0.0068	6.0	8.5	3.5	3.5	5.0	0.5	2,000	200	3,000	200	5,000
822	0.0082	7.0	9.5	4.0	3.5	5.0	0.5	1,000	200	2,000	200	4,000
103	0.010	7.0	9.5	4.0	3.5	5.0	0.5	1,000	200	2,000	200	3,000
123	0.012	7.5	10.5	4.0	5.0	5.0	0.5	1,000	200	2,000	200	3,000
153	0.015	7.5	10.5	4.5	5.0	5.0	0.5	1,000	200	2,000	200	3,000
183	0.018	8.0	11.0	5.0	5.0	5.0	0.5	1,000	200	2,000	200	3,000
223	0.022	8.0	11.0	5.0	5.0	5.0	0.5	1,000	200	2,000	200	3,000
273	0.027	9.0	12.0	5.5	5.0	5.0	0.5	1,000	200	2,000	200	3,000
333	0.033	9.0	12.0	5.5	5.0	5.0	0.5	1,000	200	1,000	200	2,000
393	0.039	10.0	13.0	6.0	7.5	5.0/7.5	0.5	1,000	200	1,000	200	2,000
473	0.047	10.0	13.0	6.0	7.5	5.0/7.5	0.5	1,000	200	1,000	200	1,000
563	0.056	11.0	14.0	6.0	7.5	5.0/7.5	0.5	1,000	200	1,000	100	1,000
683	0.068	11.0	14.0	6.5	7.5	5.0/7.5	0.5	500	200	1,000	100	1,000
823	0.082	11.5	14.0	7.0	7.5	5.0/7.5	0.5	500	200	1,000	100	1,000
104	0.10	12.0	14.0	7.5	7.5	5.0/7.5	0.5	500	100	500	100	1,000
124	0.12	13.0	14.0	8.0	7.5	5.0/7.5	0.5	500	100	500	100	500
154	0.15	14.0	19.5	7.5	10.0	5.0/7.5	0.6		100	500	50	500
184	0.18	15.0	19.5	7.5	10.0	5.0/7.5	0.6		100	500	50	500
224	0.22	15.0	19.5	8.0	10.0	5.0/7.5	0.6		100	500	50	500

### 周波数に対する許容電流特性

Characteristics of permissible current to frequency



## 寸法／Dimensions (mm)

Cap CODE	Cap (μF)	APS 250V. dc							基準収納数 NUMBER OF PIECES FOR PACKING UNIT					APS 400V. dc							基準収納数 NUMBER OF PIECES FOR PACKING UNIT					
		W	H	T	P	F	φ d	テーピング Taping		ロング Long		フォーミング Formed		W	H	T	P	F	φ d	テーピング Taping		ロング Long		フォーミング Formed		
								Ammo	Bag	Box	Bag	Box	Ammo							Bag	Box	Bag	Box			
101	0.00010	6.0	8.5	4.0	3.5	5.0	0.5	2,000	200	3,000	200	5,000														
121	0.00012	6.0	8.5	4.0	3.5	5.0	0.5	2,000	200	3,000	200	5,000														
151	0.00015	6.0	8.5	4.0	3.5	5.0	0.5	2,000	200	3,000	200	5,000														
181	0.00018	6.0	8.5	4.0	3.5	5.0	0.5	2,000	200	3,000	200	5,000														
221	0.00022	6.0	8.5	4.0	3.5	5.0	0.5	2,000	200	3,000	200	5,000														
271	0.00027	6.0	8.5	4.0	3.5	5.0	0.5	2,000	200	3,000	200	5,000														
331	0.00033	6.0	8.5	4.0	3.5	5.0	0.5	2,000	200	3,000	200	5,000														
391	0.00039	6.0	8.5	4.0	3.5	5.0	0.5	2,000	200	3,000	200	5,000														
471	0.00047	6.0	8.5	4.0	3.5	5.0	0.5	2,000	200	3,000	200	5,000														
561	0.00056	6.0	8.5	4.0	3.5	5.0	0.5	2,000	200	3,000	200	5,000														
681	0.00068	6.0	8.5	4.0	3.5	5.0	0.5	2,000	200	3,000	200	5,000														
821	0.00082	6.0	8.5	4.0	3.5	5.0	0.5	2,000	200	3,000	200	5,000														
102	0.0010	6.0	8.5	4.0	3.5	5.0	0.5	2,000	200	3,000	200	5,000	7.2	10.0	4.5	5.0	5.0	0.5	1,000	200	2,000	200	3,000			
122	0.0012	6.5	8.5	4.0	3.5	5.0	0.5	2,000	200	3,000	200	5,000	7.5	10.0	4.5	5.0	5.0	0.5	1,000	200	2,000	200	3,000			
152	0.0015	7.0	8.5	4.0	3.5	5.0	0.5	2,000	200	3,000	200	5,000	7.5	10.0	4.5	5.0	5.0	0.5	1,000	200	2,000	200	3,000			
182	0.0018	6.0	8.5	4.0	3.5	5.0	0.5	2,000	200	3,000	200	4,000	7.4	10.5	4.5	5.0	5.0	0.5	1,000	200	2,000	200	3,000			
222	0.0022	6.3	8.5	4.0	3.5	5.0	0.5	1,000	200	3,000	200	4,000	7.4	10.5	4.5	5.0	5.0	0.5	1,000	200	2,000	200	3,000			
272	0.0027	6.5	8.5	4.0	3.5	5.0	0.5	1,000	200	3,000	200	4,000	7.5	13.0	4.5	5.0	5.0	0.5	1,000	200	2,000	200	3,000			
332	0.0033	7.0	8.5	4.0	3.5	5.0	0.5	1,000	200	3,000	200	4,000	7.5	13.0	4.5	5.0	5.0	0.5	1,000	200	2,000	200	3,000			
392	0.0039	7.0	10.0	4.0	3.5	5.0	0.5	1,000	200	3,000	200	3,000	8.0	13.0	5.0	5.0	5.0	0.5	1,000	200	2,000	200	3,000			
472	0.0047	7.5	10.5	4.0	3.5	5.0	0.5	1,000	200	3,000	200	3,000	8.0	13.0	5.0	5.0	5.0	0.5	1,000	200	2,000	200	3,000			
562	0.0056	8.0	11.0	4.5	3.5	5.0	0.5	1,000	200	2,000	200	3,000	8.2	13.5	5.0	5.0	5.0	0.5	1,000	200	2,000	200	3,000			
682	0.0068	8.0	11.0	5.0	3.5	5.0	0.5	1,000	200	2,000	200	3,000	8.2	13.5	5.0	5.0	5.0	0.5	1,000	200	2,000	200	3,000			
822	0.0082	8.0	11.0	5.5	3.5	5.0	0.5	1,000	200	2,000	200	3,000	9.0	13.5	5.0	5.0	5.0	0.5	1,000	200	1,000	200	2,000			
103	0.010	8.5	11.0	5.5	3.5	5.0	0.5	1,000	200	2,000	200	3,000	9.5	13.5	5.0	5.0	5.0	0.5	1,000	200	1,000	200	2,000			

## 周波数に対する許容電流特性／Characteristics of permissible current to frequency

