

Ultracap

UltraCap



- Very high capacitance per unit volume
 - For pulse discharge applications
- | Farads | H | W | D | Terminations |
|--------|------|-------|------|-----------------------|
| 8 | 29 | 22.75 | 4.2 | PCB Radial 5.08 pitch |
| 100 | 56.7 | 33.6 | 16.1 | Radial screw |
| 2700 | 62 | 164 | 62 | Axial screw |



Supplied on blister tape (reel = 500pcs)

Operating temperature -20°C to +60°C Operating life @ 25°C, 2.3V 90000hrs
 Working voltage 2.3V d.c. Life time cycles @ 25°C, I_c = 1A 5000 cycles
 Capacitance tolerance -20% +50°C

Farads	Max Discharge Current @ 25°C (A)	Stored Energy @ 2.3V (J)	Max Leakage Current (µA)	ESR d.c.	Mfrs. List No.	Order Code
8	3	21.16	100	125mΩ	B49100A1803S000	321-5039
100	30	264.5	300	10mΩ	B49200A1105S000	321-5040
2700	400	7142	700	850µΩ	B49300F1276S000	321-5052

CAP268

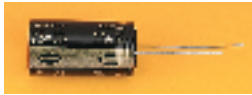
Farads	Order Code	Price Each				
		1+	5+	10+	25+	50+
8	321-5039					
100	321-5040					
2700	321-5052					

Memory Backup

Wet type double layer electrolytic construction featuring a very high capacitance, in a small case size. Excellent charge/discharge characteristics and very low leakage current give superior performance to nickel cadmium batteries in memory retention circuits for CMOS and other circuitry where memory back-up is required.

CAP129

AL Series - Gold 2.5 Volt d.c.



- Ideally suited for high load level (Amps) memory back-up
- Low internal resistance
- Large capacitance (10 Farads)

H = 35, Dia. = 18
Lead dia. 0.8, Lead pitch = 7.5

Operating temperature -25°C to +70°C Internal resistance ≤0.1Ω@1kHz
 Working voltage 2.5V d.c. Tolerance -20% +80%@20°C

CAP256

Farads	Order Code	Price Each				
		1+	10+	50+	100+	250+
10	.319-8406					

SD Series — Gold 5.5 Volt d.c.



- 30% smaller than SG series
- Ideally suited for use in CMOS memory back-up
- Longer life than a secondary battery
- Vertical or horizontal mounting

Horizontal Vertical

Operating temperature -25°C to +70°C
 Working voltage 5.5V dc
 Tolerance -20% to +80% @ 20°C

Farads	Dimensions			Lead Size	Lead Pitch	Mfrs. List No.	Order Code
	H	W	D				
0.1	11.5	10.5	5	1.7 0.2	5	EECS0HD104V	303-6765
0.1	5.5	10.5	11.5	1.7 0.2	10	EECS0HD104H	303-6777
0.22	11.5	10.5	5	1.7 0.2	5	EECS0HD224V	303-6789
0.22	6	10.5	11.5	1.7 0.2	10	EECS0HD224H	303-6790

CAP237

Farads	Mounting	Order Code	Price Each				
			1+	10+	50+	100+	250+
0.1	Vertical	.303-6765					
0.1	Horizontal	.303-6777					
0.22	Vertical	.303-6789					
0.22	Horizontal	.303-6790					

SG Series – Gold 5.5 Volt d.c.

Panasonic



Horizontal Vertical

- Ideally suited for use in CMOS memory back-up
- Vertical or horizontal mounting

Operating temperature -25°C to +70°C
 Working voltage 5.5V d.c.
 Tolerance -20% to +80% @ 20°C

Farads	Dimensions			Lead Size	Lead Pitch	Mfrs. List No.	Order Code
	H	W	D				
1	20	19	5	1 0.2	5	EECS5R5V105	652-404
1	6	19	20	1 0.2	20	EECS5R5H105	652-416

CAP176

Vertical Horizontal	Order Code	Price Each		
		1+	10+	50+
	652-404			
	652-416			

NF Series – Gold 5.5 Volt d.c.

Panasonic



- Ideally suited for use in CMOS memory back-up
- Large capacitance for long time back-up
- Low profile horizontal mounting

Operating temperature -25°C to +70°C
 Working voltage 5.5V d.c.
 Tolerance -20% to +80% @ 20°C

Farads	Dimensions			Lead Size	Lead Pitch	Mfrs. List No.	Order Code
	H	Dia.					
0.1	7.5	13.5	1.2 0.5	5.0	EECF5R5U104	304-0835	
0.47	8	21.5	1.2 0.5	5.0	EECF5R5U474	304-0847	
1	8	21.5	1.2 0.5	5.0	EECF5R5U105	304-0859	

CAP241

Farads	Order Code	Price Each				
		1+	10+	50+	100+	250+
0.1	.304-0835					
0.47	.304-0847					
1	.304-0859					

DB Series Electric Double Layer 'Dynacap' 5.5 Volt d.c.



- Miniature case size-large capacity
- Memory back-up
- Limitless lifetime under charge and discharge

Operating temperature -25°C to +70°C
 Tolerance -20% to +80%

Lead pitch = 5 Lead size = 0.5 1.2

Farads	Discharge Time* @ 2µA (hrs)	Leakage Current (µA)	ESR (Ω) @ 1kHz	Dimensions		Order Code
				H	Dia.	
0.047	23	69	300	7.5	13.5	106-834
0.1	48	100	200	7.5	13.5	106-835
0.47	228	216	100	8.0	21.5	106-836
1.0	485	315	30	8.0	21.5	106-837

* Given for a voltage drop from 5 volts to 2 Volts

CAP88

Farads	Order Code	Price Each		
		1+	25+	100+
0.047	106-834			
0.1	106-835			
0.47	106-836			
1.0	106-837			