

SMD METALLIZED PEN FILM CAPACITOR

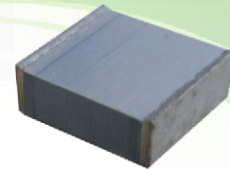
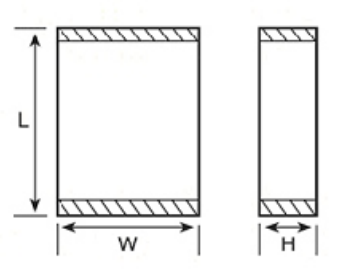
CDGA

FEATURES

- Use non over case stacked technic. Small size.
- Stable performance. Good temperature and voltage characteristic. Time reliability and showerproof.
- High reliability
- Non-piezoelectric effect, non-polar, non-nonlinear distortion
- Low ESR, Low Noise Level
- Strong ability of anti-Pulse

USE

- Telecommunications, base stations, distributor
- Automotive (engine control systems, security systems, car radios, navigation systems, air-conditioning)
- Lighting (electronic ballast)
- DC/DC switch
- Electrical appliance (LCD, PDP TV)



DIMENSIONS

(mm)

Size Code	1206	1210	1812	2220	2824	4030	5040	6054
L	3.2 ± 0.2	3.2 ± 0.2	4.5 ± 0.5	5.7 ± 0.5	7.1 ± 0.5	10.2 ± 0.6	12.7 ± 0.6	15.2 ± 0.6
W	1.6 ± 0.2	2.5 ± 0.2	3.2 ± 0.5	5.0 ± 0.5	6.1 ± 0.5	7.6 ± 0.8	10.2 ± 0.8	13.7 ± 0.8
H	± 0.2				± 0.4			

SPECIFICATIONS

Standard	IEC60384-19
Environment	55/125/56
Rated temperature	105°C
Temperature	55°C ~ 125°C (+105°C to +125°C: decreasing factor 1.25% per°C for V _R (DC)
Rated Voltage	50/63V, 100V, 250V, 400V, 630V
Capacitance	0.001 μF ~ 12 μF
Tolerance	±5%(J), ±10%(K), ±20%(M)
Voltage	1.40U _R (5s)
DF	≤0.008(1KHz)
Insulation Resistance	≥1000MΩ, C _R 0.33μF U _R < 100 charging voltage 10V ≥400S _i , C _R > 0.33μF U _R ≥ 100 charging voltage 100V(20°C 1mini)
Max. speed of pulse up.	100
Solder	resolder

PATTREN I

Cap (μF)	50 1H / 63VDC 1J			100VDC 2A			250VDC 2E			400VDC 2G			630VDC 2J		
	Size	.H	Tape Code	Size	.H	Tape Code	Size	.H	Tape Code	Size	.H	Tape Code	Size	.H	Tape Code
0.001	1812	1.4	a	1812	1.4	a	1812	1.4	a	1812	1.4	a	2220	1.4	a
0.0012	1812	1.4	a	1812	1.4	a	1812	1.4	a	1812	1.4	a	2220	1.4	a
0.0015	1812	1.4	a	1812	1.4	a	1812	1.4	a	1812	1.4	a	2220	1.4	a
0.0018	1812	1.4	a	1812	1.4	a	1812	1.4	a	1812	1.4	a	2220	1.4	a
0.0022	1812	1.4	a	1812	1.4	a	1812	1.4	a	1812	1.4	a	2220	1.4	a
0.0027	1812	1.4	a	1812	1.4	a	1812	1.4	a	1812	1.4	a	2220	1.4	a
0.0033	1812	1.4	a	1812	1.4	a	1812	1.4	a	1812	1.4	a	2220	1.4	a
0.0039	1812	1.4	a	1812	1.4	a	1812	1.4	a	1812	1.4	a	2220	1.4	a
0.0047	1812	1.4	a	1812	1.4	a	1812	1.4	a	1812	1.4	a	2220	1.4	a
0.0056	1812	1.4	a	1812	1.4	a	1812	1.4	a	1812	1.4	a	2220	1.4	a
0.0068	1812	1.4	a	1812	1.4	a	1812	1.4	a	1812	1.4	a	2220	1.4	a
0.0082	1812	1.4	a	1812	1.4	a	1812	1.4	a	1812	1.4	a	2220	1.8	a
0.010	1812	1.4	a	1812	1.4	a	1812	1.4	a	1812	2.0	a	2220	2.0	a
0.012	1812	1.4	a	1812	1.4	a	1812	1.4	a	1812	2.0	b	2220	2.4	b
0.015	1812	1.4	a	1812	1.4	a	1812	1.4	a	1812	1.4	b	2220	3.6	c
0.018	1812	1.4	a	1812	1.4	a	2220	1.4	a	1812	1.4	a	2220	4.0	c
0.022	1812	1.4	a	1812	1.4	a	2220	1.8	a	2220	2.0	a	2824	2.8	a
0.027	1812	1.4	a	1812	1.4	a	2220	2.0	a	2220	2.4	a	2824	3.2	a
0.033	1812	1.4	a	1812	1.4	a	2220	1.4	a	2220	2.8	a	2824	4.0	b
0.039	1812	1.8	b	1812	1.8	b	2220	1.4	a	2220	3.2	b	2824	4.8	c
0.047	1812	2.0	b	1812	2.0	b	2220	1.8	a	2220	3.6	b	4030	2.8	a
0.056	1812	1.4	a	1812	1.4	a	2220	1.8	a	2824	2.8	c	4030	3.6	b

0.068	1812	1.4	a	1812	1.4	a	2220	2.4	a	2824	3.2	a	4030	4.0	b
0.082	1812	1.4	a	1812	1.4	a	2824	1.8	a	2824	4.0	b	4030	4.8	c
0.10	1812	2.0	b	1812	1.4	b	2824	2.0	a	2824	4.8	c	5040	3.6	b
0.12	1812	1.4	a	2220	2.0	a	2824	2.4	a	4030	2.8	a	5040	4.0	b
0.15	1812	1.4	a	2220	1.4	a	2824	3.2	a	4030	3.6	b	5040	5.2	c
0.18	1812	2.0	b	2220	1.4	a	4030	2.0	a	4030	4.4	c	6054	3.6	a
0.22	1812	2.0	b	2220	1.4	a	4030	2.4	a	5040	3.2	a	6054	4.4	b
0.27	2220	1.4	a	2220	1.8	a	4030	2.8	a	5040	4.0	b	6054	5.2	c
0.33	2220	1.4	a	2220	2.4	b	4030	3.6	b	5040	4.8	c			
0.39	2220	1.8	a	2824	2.8	a	5040				4.6	a			
0.47	2220	1.8	a	2824	2.0	a	5040	2.8	a	6054	4.0	b			
0.56	2220	2.4	a	2824	2.4	a	5040	3.6	b	6054	4.8	c			
0.68	2220	2.8	b	2824	2.8	a	6054	2.4	a						
0.82	2824	2.0	a	4030	3.6	a	6054	3.2	a						
1.0	2824	2.4	a	4030	2.4	a	6054	3.6	a						
1.2	2824	3.2	a	5040	2.8	a									
1.5	5040	2.4	a	5040	2.4	a									
1.8	5040	2.8	a	5040	2.4	a									
2.2	5040	3.2	a	5040	3.2	a									
2.7	5040	4.0	b	6054	2.8	a									
3.3	6054	3.2	a	6054	3.2	a									
3.9	6054	3.6	a	6054	3.6	a									
4.7	6054	4.4	b	6054	4.4	b									

PATTREN II

Cap (μF)	50 1H/63VDC 1J			100VDC 2A			250VDC 2E		
	Size	.H	Tape Code	Size	.H	Tape Code	Size	.H	Tape Code
0.001	1206	1.1	a	1206	1.1	a	1206	1.1	a
0.0012	1206	1.1	a	1206	1.1	a	1206	1.1	a
0.0015	1206	1.1	a	1206	1.1	a	1206	1.1	a
0.0018	1206	1.1	a	1206	1.1	a	1206	1.1	a
0.0022	1206	1.1	a	1206	1.1	a	1206	1.1	a
0.0027	1206	1.1	a	1206	1.1	a	1206	1.1	a
0.0033	1206	1.1	a	1206	1.1	a	1206	1.1	a
0.0039	1206	1.1	a	1206	1.1	a	1206	1.5	b
0.0047	1206	1.1	a	1206	1.1	a	1206	1.5	b
0.0056	1206	1.1	a	1206	1.1	a	1210	1.5	b
0.0068	1206	1.1	a	1206	1.1	a	1210	1.5	b
0.0082	1206	1.1	a	1206	1.1	a	1210	1.5	b
0.010	1206	1.1	a	1206	1.1	a	1210	2.1	c
0.012	1206	1.1	a	1206	1.1	a	1210	2.2	c
0.015	1206	1.1	a	1206	1.1	a	*	*	*
0.018	1206	1.1	a	1210	1.1	a	1812	1.4	a
0.022	1206	1.1	a	1210	1.1	a	1812	1.8	b
0.027	1206	1.1	a	1210	1.5	b	1812	2.0	b
0.033	1206	1.5	b	1210	1.5	b	1812	2.4	b
0.039	1210	2.1	c	1210	2.1	c	*	*	*
0.047	1210	2.1	c	1210	2.1	c	*	*	*
0.056	1210	1.5	b	*	*	*	*	*	*
0.068	1210	1.5	b	*	*	*	*	*	*
0.082	1210	2.1	c	*	*	*	2220	2.8	b
0.10	1210	2.1	c	*	*	*	2220	3.2	b
0.12	*	*	*	1812	2.4	b	2220	4.0	c
0.15	*	*	*	*	*	*	*	*	*
0.18	*	*	*	*	*	*	2824	3.6	b
0.22	*	*	*	*	*	*	2824	4.6	b
0.27	*	*	*	*	*	*	2824	5.2	c
0.33	*	*	*	*	*	*	*	*	*
0.39	*	*	*	2220	3.2	b	4030	4.0	b
0.47	*	*	*	2220	4.0	c	4030	4.8	c
0.56	*	*	*	2220	4.4	c	4030	5.6	c
0.68	*	*	*	*	*	*	5040	4.0	b
0.82	2220	3.2	b	2824	4.0	c	5040	4.8	c
1.0	2220	4.0	c	2824	5.2	c	*	*	*
1.2	*	*	*	4030	3.2	a	6054	4.4	b
1.5	2824	3.6	b	4030	4.0	b	6054	5.2	c
1.8	2824	4.4	c	4030	4.8	c			
2.2	2824	5.2	c	4030	5.6	c			
2.7	4030	3.6	b	5040	4.0	b			
3.3	4030	4.4	c	5040	5.0	c			
3.9	4030	4.8	c	5040	5.6	c			
4.7	5040	3.6	b	*	*	*			
5.6	5040	4.0	b	6054	5.0	c			
6.8	5040	5.0	c						
8.2	6054	3.6	a						
10.0	6054	4.4	b						
12	6054	5.2	c						

PART NUMBER EXAMPLE

