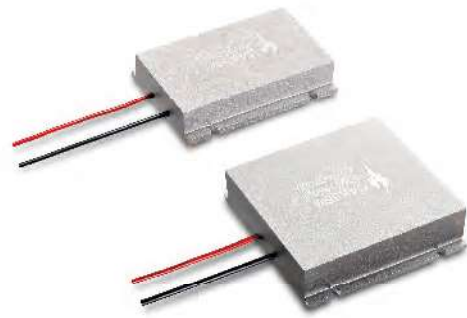


FEATURES

- Very high energy
- Higher voltage and higher capacitance
- 100% accelerated steady state aging
- 100% temperature stability
- 100% barometric pressure
- Voltage rating of 10-500V
- Operating temperature rang of -55°C to +125°C
- Accept customization



APPLICATIONS

Typical applications include energy storage and power compensation.

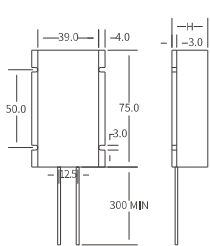
ORDERING INFORMATION

CAK36M	-400V	-1250μF	-K	-C3
Series	Rated voltage	Capacitance	Capacitance tolerance	Case size
Combined Hermetically Sealed High Energy Tantalum Capacitors For High Reliability	10V 16V 25V 35V 50V 63V 80V 100V 110V 125V 150V 200V 250V 300V 400V 500V	Refer to Capacitance and Rated Voltage Range Table	K=±10% M=±20%	Refer to Dimensions and Mounting Form

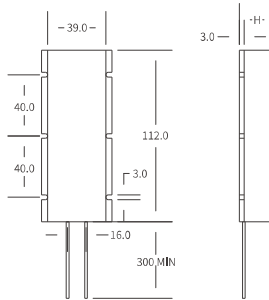
DIMENSIONS

Unit:mm

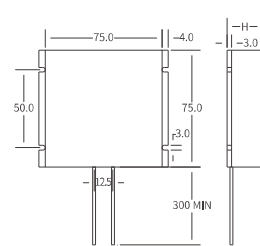
Case Size	L±1	W±1	H±1
A1	75	47	14
A2	75	47	18
A3	75	47	24
A4	75	47	26
B1	112	47	14
B2	112	47	18
B3	112	47	24
B4	112	47	26
C1	83	75	14
C2	83	75	18
C3	83	75	24
C4	83	75	26
D1	112	83	14
D2	112	83	18
D3	112	83	24
D4	112	83	26
E1	160	83	14
E2	160	83	18
E3	160	83	24
E4	160	83	26



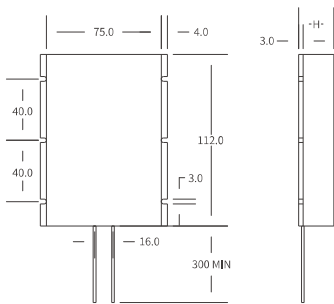
Mounting Form A



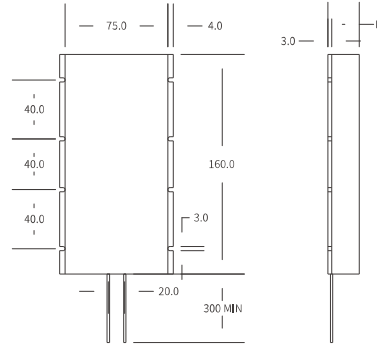
Mounting Form B



Mounting Form C



Mounting Form D



Mounting Form E

CAPACITANCE AND RATED VOLTAGE RANGE

Size Code	Size(mm) L*W*H	Rated voltage(V) @85°C	Rated Cap (μF)	Max ESR (Ω)	Max DCL (μA)	Max Weight (g)
A3	75*39*24	10	400000	0.025	600	300
B3	112*39*24	10	600000	0.025	900	450
C3	75*75*24	10	800000	0.025	1200	600
D3	112*75*24	10	1200000	0.025	1800	900
E3	160*75*24	10	1600000	0.025	2400	1200
A3	75*39*24	16	240000	0.025	600	300
B3	112*39*24	16	360000	0.025	900	450
C3	75*75*24	16	480000	0.025	1200	600
D3	112*75*24	16	720000	0.025	1800	900
E3	160*75*24	16	960000	0.025	2400	1200
A3	75*39*24	25	140000	0.025	600	300
B3	112*39*24	25	210000	0.025	900	450
C3	75*75*24	25	280000	0.025	1200	600
D3	112*75*24	25	420000	0.025	1800	900
E3	160*75*24	25	560000	0.025	2400	1200
A3	75*39*24	35	96000	0.025	600	300
B3	112*39*24	35	140000	0.025	900	450
C3	75*75*24	35	200000	0.025	1200	600
D3	112*75*24	35	280000	0.025	1800	900
E3	160*75*24	35	400000	0.025	2400	1200
A3	75*39*24	50	60000	0.025	800	320
B3	112*39*24	50	90000	0.025	1200	480
C3	75*75*24	50	120000	0.025	1600	640
D3	112*75*24	50	180000	0.025	2400	960
E3	160*75*24	50	240000	0.025	3200	1280
A3	75*39*24	63	32000	0.035	800	320
B3	112*39*24	63	48000	0.035	1200	480
C3	75*75*24	63	64000	0.035	1600	640
D3	112*75*24	63	96000	0.035	2400	960
E3	160*75*24	63	130000	0.035	3200	1280
A3	75*39*24	80	22000	0.035	1000	320
B3	112*39*24	80	33000	0.035	1500	480
C3	75*75*24	80	44000	0.035	2000	640
D3	112*75*24	80	66000	0.035	3000	960
E3	160*75*24	80	88000	0.035	4000	1280
A3	75*39*24	100	15000	0.035	1000	320
B3	112*39*24	100	22000	0.035	1500	480
C3	75*75*24	100	30000	0.035	2000	640
D3	112*75*24	100	44000	0.035	3000	960
E3	160*75*24	100	60000	0.035	4000	1280

CAPACITANCE AND RATED VOLTAGE RANGE

Size Code	Size(mm) L*W*H	Rated voltage(V) @85°C	Rated Cap (μ F)	Max ESR (Ω)	Max DCL (μ A)	Max Weight (g)
A3	75*39*24	110	12000	0.045	1000	320
B3	112*39*24	110	18000	0.045	1500	480
C3	75*75*24	110	24000	0.045	2000	640
D3	112*75*24	110	36000	0.045	3000	960
E3	160*75*24	110	48000	0.045	4000	1280
A3	75*39*24	125	9000	0.050	1000	320
B3	112*39*24	125	13000	0.050	1500	480
C3	75*75*24	125	18000	0.050	2000	640
D3	112*75*24	125	26000	0.050	3000	960
E3	160*75*24	125	36000	0.050	4000	1280
A1	75*39*14	150	1500	0.150	300	200
A2	75*36*18	150	3000	0.120	400	250
A3	75*39*23	150	4500	0.080	500	300
A4	75*39*26	150	6000	0.070	500	320
C4	75*75*26	150	12000	0.070	1000	640
E4	160*75*26	150	24000	0.040	2000	1280
A1	75*39*14	200	950	0.250	200	200
A2	75*36*18	200	1900	0.120	400	250
A3	75*39*23	200	2800	0.100	500	300
A4	75*39*26	200	3700	0.080	500	320
C4	75*75*26	200	7400	0.070	1000	640
E4	160*75*26	200	15000	0.040	2000	1280
A1	75*39*14	250	550	0.400	200	200
A2	75*36*18	250	1100	0.170	400	250
A3	75*39*23	250	1600	0.150	500	300
A4	75*39*26	250	2200	0.100	500	320
C4	75*75*26	250	4400	0.100	1000	640
E4	160*75*26	250	8800	0.050	2000	1280
B1	112*39*14	300	630	0.375	200	300
B2	112*39*18	300	1200	0.180	400	350
B3	112*39*23	300	1800	0.150	500	450
B4	112*39*26	300	2500	0.100	500	480
D3	112*75*23	300	3750	0.150	1000	900
D4	112*75*26	300	5000	0.100	1000	960
C1	75*75*14	400	500	0.400	200	400
C2	75*75*18	400	950	0.240	400	500
C3	75*75*23	400	1250	0.200	500	750
C4	75*75*26	400	1800	0.140	500	800
E3	160*75*23	400	2450	0.120	1000	1200
E4	160*75*26	400	3600	0.140	1000	1280

CAPACITANCE AND RATED VOLTAGE RANGE

Size Code	Size(mm) L*W*H	Rated voltage(V) @85°C	Rated Cap (μF)	Max ESR (Ω)	Max DCL (μA)	Max Weight (g)
C1	75*75*14	500	270	1.000	200	350
C2	75*75*18	500	550	0.425	400	450
C3	75*75*23	500	820	0.375	500	600
C4	75*75*26	500	1100	0.250	500	640
E4	160*75*26	500	2200	0.250	1000	1280

MEASUREMENT CONDITIONS

- a) Capacitance and DF are measured at 100Hz, 1V RMS with DC bias of 2.2V.
- b) Leakage Current is measured at rated voltage after 5 minutes.