

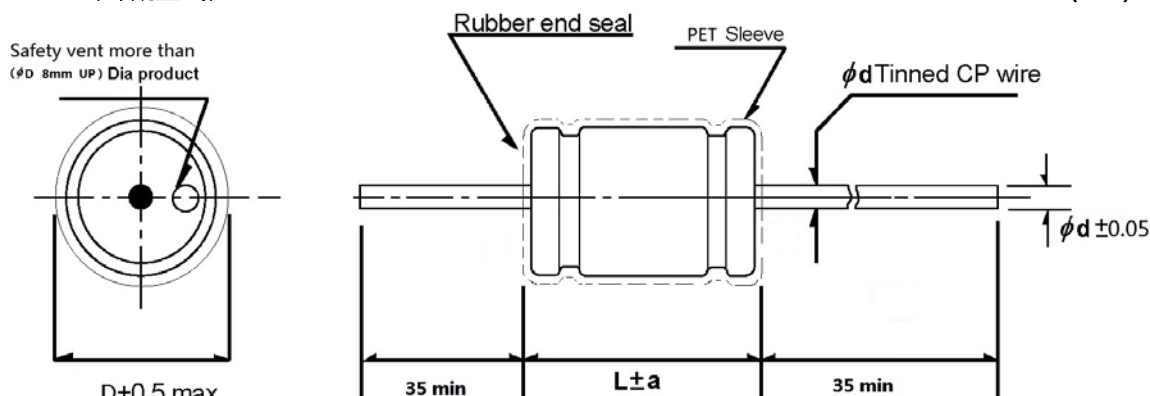
NON-POLARIZED (BI-POLARIZED)

AXIAL Type ALUMINUM ELECTROLYTIC CAPACITORS

M.D.L.®

■ 1) Dimensions (外觀型式)

Unit (mm)



φ D	6	8	10	13	16	18	22	25
φ d	0.6	0.6	0.6	0.8	0.8	0.8	0.8	0.8
α	0.8	0.8	1.5	2.0	2.0	2.0	2.0	2.0

■ 2) Capacitance Tolerance (容量誤差) : ± 5% (J) or ± 10% (K) at 1KHZ

■ 3) Leakage Current (洩漏電流) : MAX. 0.03CV+3μA After 5 minutes application of rated working (MAX. 0.03CV+3μA, 印加 額定工作電壓5分鐘後測定)

■ 4) Temp Range (工作溫度範圍) : - 40°C ~ + 105°C

■ 5) Load Life (壽命測試) : After 1,000 hours application of rated voltage at 105 ±2°C, capacitors meet the characteristics requirement listed at right. (以下數值是在印加額定電壓及105±2°C 於1,000小時後測定)

(a) Capacitance change: Within ±25% of initial (電容量改變: 不超過±25%的初始值)

(b) Tan δ: 200% or less of initial specified (損失角: 不超過200%的初始值)

(c) Leakage current: Install specified value or less (洩漏電流: 不超過初期規格)

MAX Dissipation Factor (最大損失角) : MAX 3% at 1KHZ

B03A Series AXIAL Type

CAP(μF)	50 V		100 V	
	Size: φD*L(mm)	M.D.L. Code	Size: φD*L(mm)	M.D.L. Code
1.0	13*27	B03A-050K0101327	13*27	B03A-100K0101327
1.5	13*27	B03A-050K1R51327	13*27	B03A-100K1R51327
2.2	13*27	B03A-050K2R21327	13*31	B03A-100K2R21331
3.3	13*27	B03A-050K3R31327	13*31	B03A-100K3R31331
4.7	13*31	B03A-050K4R71331	13*31	B03A-100K4R71331
6.8	13*31	B03A-050K6R81331	13*31	B03A-100K6R81331
8.2	13*31	B03A-050K8R21331	13*31	B03A-100K8R21331
10	13*31	B03A-050K1001331	13*31	B03A-100K1001331
15	16*34	B03A-050K1501634	16*34	B03A-100K1501634
22	16*34	B03A-050K2201634	16*34	B03A-100K2201634
33	16*34	B03A-050K3301634	16*34	B03A-100K3301634
47	16*34	B03A-050K4701634	16*43	B03A-100K4701643
56	16*43	B03A-050K5601643	16*43	B03A-100K5601643
68	18*44	B03A-050K6801844	18*44	B03A-100K6801844
82	22*45	B03A-050K8202245	22*45	B03A-100K8202245
100	22*45	B03A-050K1012245	22*45	B03A-100K1012245

MAX Dissipation Factor (最大損失角) : MAX 4% at 1KHz

B04A Series AXIAL Type

CAP(μF)	50 V		100 V	
	Size: φD*L(mm)	M.D.L. Code	Size: φD*L(mm)	M.D.L. Code
1.0	13*27	B04A-050K0101327	13*27	B04A-100K0101327
1.5	13*27	B04A-050K1R51327	13*27	B04A-100K1R51327
2.2	13*27	B04A-050K2R21327	13*27	B04A-100K2R21327
3.3	13*27	B04A-050K3R31327	13*31	B04A-100K3R31331
4.7	13*31	B04A-050K4R71331	13*31	B04A-100K4R71331
6.8	13*31	B04A-050K6R81331	13*31	B04A-100K6R81331
8.2	13*31	B04A-050K8R21331	13*31	B04A-100K8R21331
10	13*31	B04A-050K1001331	13*31	B04A-100K1001331
15	13*31	B04A-050K1501331	13*31	B04A-100K1501331
22	13*31	B04A-050K2201331	13*31	B04A-100K2201331
33	13*31	B04A-050K3301331	16*34	B04A-100K3301634
47	16*34	B04A-050K4701634	16*34	B04A-100K4701634
56	16*34	B04A-050K5601634	16*34	B04A-100K5601634
68	16*38	B04A-050K6801638	16*38	B04A-100K6801638
100	18*44	B04A-050K1011844	18*44	B04A-100K1011844
120	18*44	B04A-050K1211844	22*45	B04A-100K1212245

MAX Dissipation Factor (最大損失角) : MAX 5% at 1KHz

B05A Series AXIAL Type

CAP(μF)	50 V		100 V	
	Size: φD*L(mm)	M.D.L. Code	Size: φD*L(mm)	M.D.L. Code
1.0	10*24	B05A-050K0101024	10*24	B05A-100K0101024
1.5	10*24	B05A-050K1R51024	10*24	B05A-100K1R51024
2.2	10*24	B05A-050K2R21024	10*24	B05A-100K2R21024
3.3	10*24	B05A-050K3R31024	10*24	B05A-100K3R31024
4.7	10*24	B05A-050K4R71024	10*24	B05A-100K4R71024
6.8	10*24	B05A-050K6R81024	13*27	B05A-100K6R81327
8.2	13*27	B05A-050K8R21327	13*27	B05A-100K8R21327
10	13*27	B05A-050K1001327	13*27	B05A-100K1001327
15	13*27	B05A-050K1501327	13*27	B05A-100K1501327
20	13*27	B05A-050K2001327	13*27	B05A-100K2001327
22	13*27	B05A-050K2201327	13*27	B05A-100K2201327
33	13*31	B05A-050K3301331	13*31	B05A-100K3301331
47	13*31	B05A-050K4701331	13*31	B05A-100K4701331
56	13*31	B05A-050K5601331	16*34	B05A-100K5601634
68	16*34	B05A-050K6801634	16*38	B05A-100K6801638
100	16*34	B05A-050K1011634	16*38	B05A-100K1011638
150	16*43	B05A-050K1511643	18*44	B05A-100K1511844

MAX Dissipation Factor (最大損失角) : MAX 6% at 1KHz

B06A Series AXIAL Type

CAP(μF)	50 V		100 V	
	Size: φD*L(mm)	M.D.L. Code	Size: φD*L(mm)	M.D.L. Code
1.0	10*19	B06A-050K0101019	10*19	B06A-100K0101019
1.5	10*19	B06A-050K1R51019	10*19	B06A-100K1R81019
2.2	10*19	B06A-050K2R21019	10*19	B06A-100K2R21019
3.3	10*19	B06A-050K3R31019	10*19	B06A-100K3R31019
4.7	10*19	B06A-050K4R71019	10*19	B06A-100K4R71019
6.8	10*24	B06A-050K6R81024	10*24	B06A-100K6R81024
10	10*24	B06A-050K1001024	10*24	B06A-100K1001024
15	13*27	B06A-050K1501327	13*27	B06A-100K1501327
22	13*27	B06A-050K2201327	13*27	B06A-100K2201327
33	13*27	B06A-050K3301327	13*31	B06A-100K3301331
47	13*31	B06A-050K4701331	13*31	B06A-100K4701331
56	13*31	B06A-050K5601331	13*31	B06A-100K5601331
68	16*34	B06A-050K6801634	16*34	B06A-100K6801634
100	16*34	B06A-050K1011634	16*38	B06A-100K1011638
150	16*43	B06A-050K1511643	18*44	B06A-100K1511844
200	16*43	B06A-050K2011643	22*45	B06A-100K2012245

MAX Dissipation Factor (最大損失角) : MAX 10% at 1KHz

B10A Series AXIAL Type

CAP(μF)	50 V		100 V	
	Size: φD*L(mm)	M.D.L. Code	Size: φD*L(mm)	M.D.L. Code
1.0	8*17	B10A-050K0100817	8*17	B10A-100K0100817
1.5	8*17	B10A-050K1R50817	8*17	B10A-100K1R50817
2.2	8*17	B10A-050K2R20817	8*17	B10A-100K2R20817
3.3	8*17	B10A-050K3R30817	8*17	B10A-100K3R30817
4.7	8*17	B10A-050K4R70817	8*19	B10A-100K4R70819
6.8	8*19	B10A-050K6R80817	10*19	B10A-100K6R81019
10	8*19	B10A-050K1000819	10*19	B10A-100K1001019
15	10*19	B10A-050K1501019	10*19	B10A-100K1501019
22	10*24	B10A-050K2201024	10*24	B10A-100K2201024
33	13*27	B10A-050K3301327	13*27	B10A-100K3301327
47	13*27	B10A-050K4701327	13*27	B10A-100K4701327
68	13*31	B10A-050K6801331	13*31	B10A-100K6801331
100	13*31	B10A-050K1011331	16*34	B10A-100K1011634
150	13*31	B10A-050K1511331	16*34	B10A-100K1511634
220	16*38	B10A-050K2211638	16*43	B10A-100K2211643
250	16*38	B10A-050K2511638	18*44	B10A-100K2511844
300	16*38	B10A-050K3011638	22*45	B10A-100K3012245
350	16*38	B10A-050K3511638	22*45	B10A-100K3512245
470	18*44	B10A-050K4711844	25*52	B10A-100K4712552

MAX Dissipation Factor (最大損失角) : MAX 12% at 1KHz

B12A Series AXIAL Type

CAP(μF)	50 V		100 V	
	Size: φD*L(mm)	M.D.L. Code	Size: φD*L(mm)	M.D.L. Code
1.0	6*16	B12A-050K0100616	6*16	B12A-100K0100616
1.5	6*16	B12A-050K1R50616	6*16	B12A-100K1R50616
2.2	6*16	B12A-050K2R20616	6*16	B12A-100K2R20616
3.3	6*16	B12A-050K3R30616	6*16	B12A-100K3R30616
4.7	6*16	B12A-050K4R70616	8*17	B12A-100K4R70817
6.8	8*17	B12A-050K6R80817	8*17	B12A-100K6R80817
10	8*17	B12A-050K1000817	8*17	B12A-100K1000817
15	8*19	B12A-050K1500819	10*19	B12A-100K1501019
22	10*19	B12A-050K2201019	10*19	B12A-100K2201019
33	10*24	B12A-050K3301024	10*24	B12A-100K3301024
47	10*24	B12A-050K4701024	13*27	B12A-100K4701327
68	13*27	B12A-050K6801327	13*31	B12A-100K6801331
100	13*27	B12A-050K1011327	13*31	B12A-100K1011331
150	13*31	B12A-050K1511331	16*34	B12A-100K1511634
220	16*38	B12A-050K2211638	16*43	B12A-100K2211643
250	16*38	B12A-050K2511638	18*44	B12A-100K2511844
300	16*38	B12A-050K3011638	22*45	B12A-100K3012245
330	16*38	B12A-050K3311638	22*45	B12A-100K3312245
470	18*44	B12A-050K4711844	25*52	B12A-100K4712552
600	18*44	B12A-050K6011844	25*52	B12A-100K6012552

MAX Dissipation Factor (最大損失角) : MAX 15% at 1KHz

B15A Series AXIAL Type

CAP(μF)	50 V		100 V	
	Size: φD*L(mm)	M.D.L. Code	Size: φD*L(mm)	M.D.L. Code
1.0	6*16	B15A-050K0100616	6*16	B15A-100K0100616
1.5	6*16	B15A-050K1R50616	6*16	B15A-100K1R50616
2.2	6*16	B15A-050K2R20616	8*17	B15A-100K2R20817
3.3	6*16	B15A-050K3R30616	8*17	B15A-100K3R30817
4.7	6*16	B15A-050K4R70616	8*17	B15A-100K4R70817
5.6	6*16	B15A-050K5R60616	8*17	B15A-100K5R60817
6.8	8*17	B15A-050K6R80817	8*19	B15A-100K6R80819
8.2	8*17	B15A-050K8R20817	8*19	B15A-100K8R20819
10	8*17	B15A-050K1000817	8*19	B15A-100K1000819
15	8*19	B15A-050K1500819	10*19	B15A-100K1501019
22	10*19	B15A-050K2201019	10*19	B15A-100K2201019
33	10*24	B15A-050K3301024	10*24	B15A-100K3301024
47	10*24	B15A-050K4701024	13*27	B15A-100K4701327
68	13*27	B15A-050K6801327	13*27	B15A-100K6801327
75	13*27	B15A-050K7501327	13*27	B15A-100K7501327
82	13*27	B15A-050K8201327	13*31	B15A-100K8201331
100	13*27	B15A-050K1011327	13*31	B15A-100K1011331
120	13*27	B15A-050K1211327	16*34	B15A-100K1211634
150	13*31	B15A-050K1511331	16*34	B15A-100K1511634
220	13*31	B15A-050K2211331	16*34	B15A-100K2211634